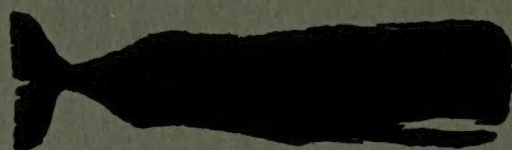




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Nicholson
Whaling
Collection

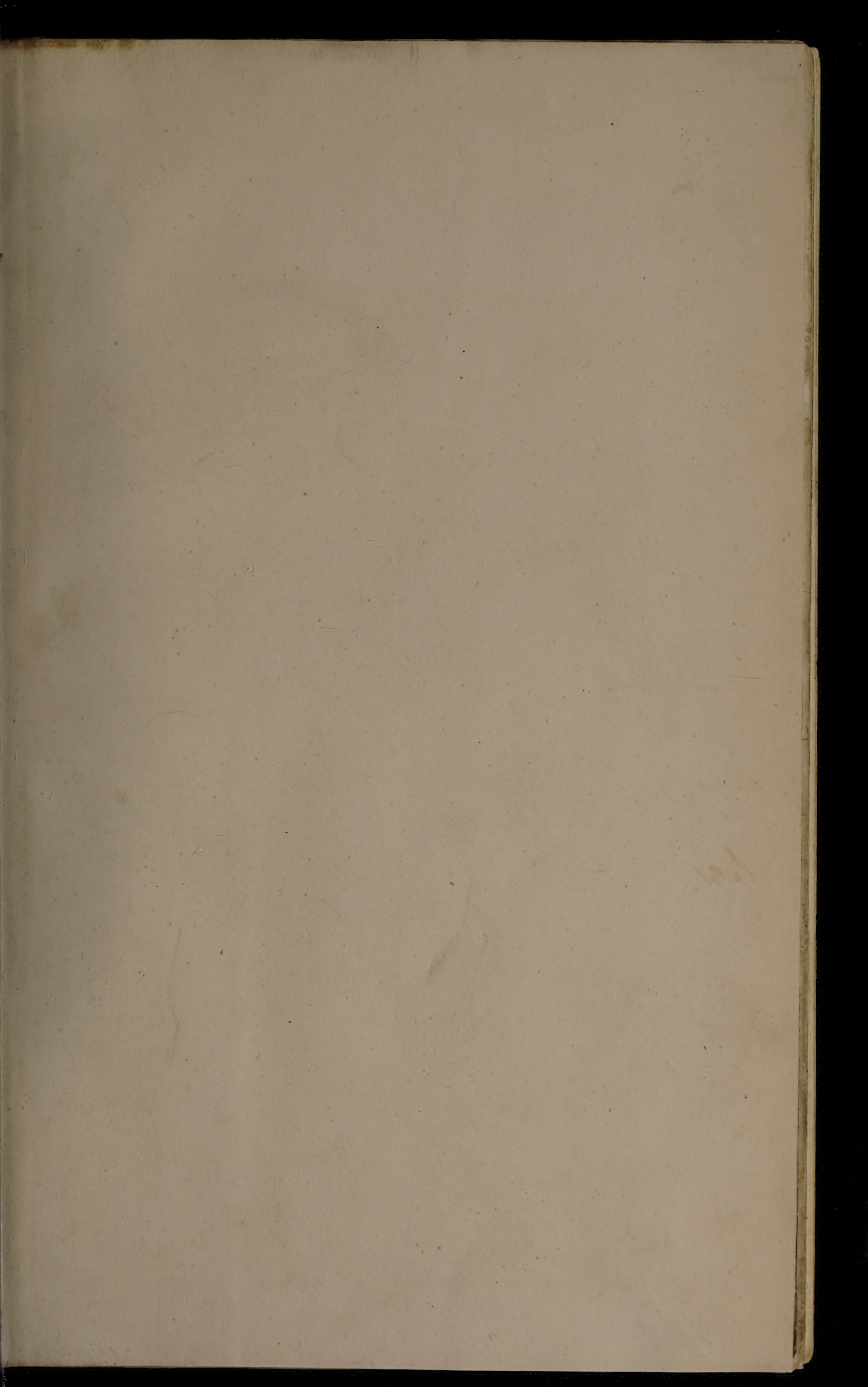


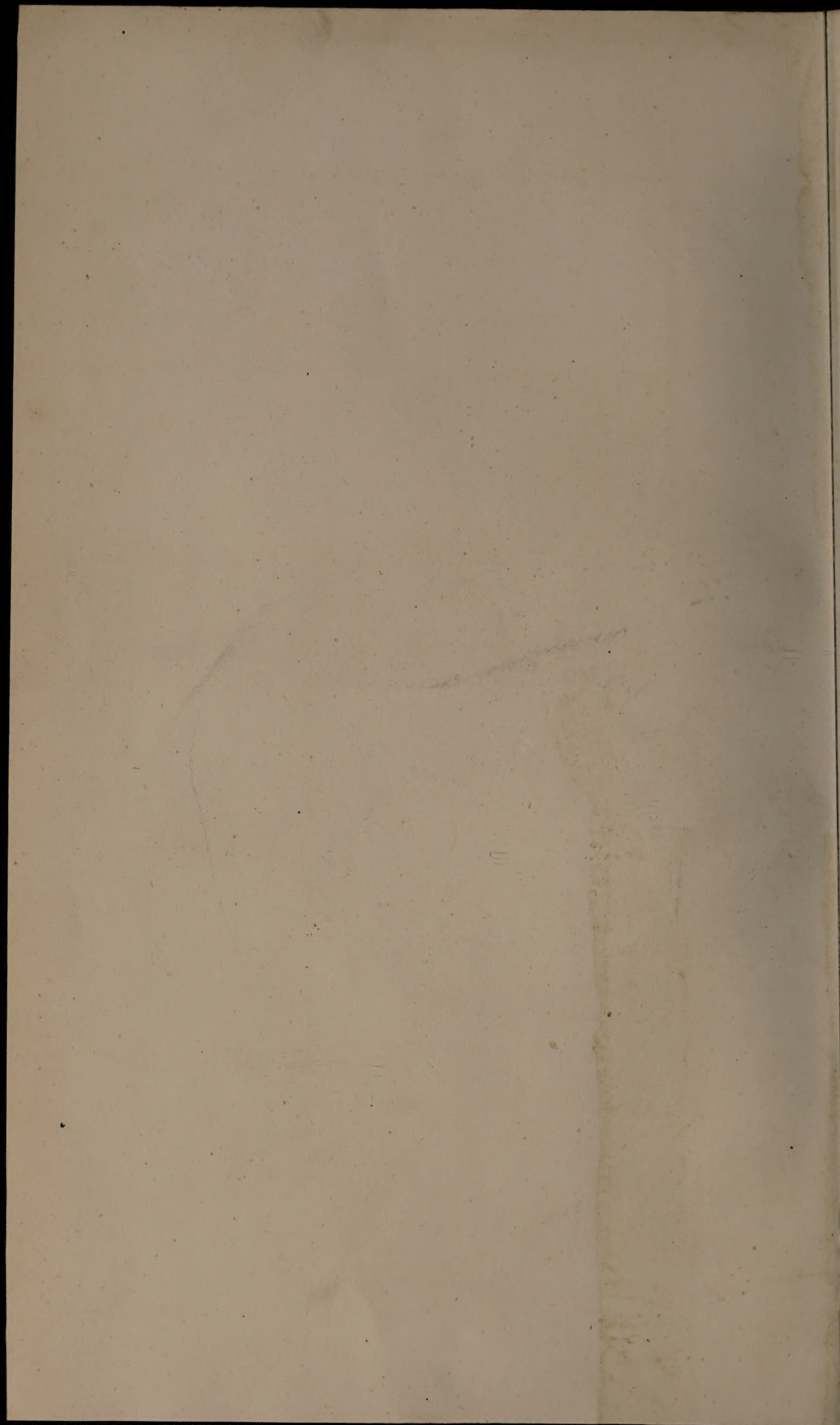
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Apr 2nd 2nd

Lat Long

12. 33. 59. 11

10. 21. 59. 33

1. 46. 59. 08

22. 9. 55. 08

89.4

78.4

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12.35

2.25

18.95

18.06

2.25

\$ 15-

3

Bair. Desmona Laya. de. Malha. Banks
May. 25th 1866.

raised whales going to windward
lowered two boats but did not succeed in striking
lat. 12. 3 S. long. 59. 11 E.

June. 2nd raised whales lowered down and
got two. made 40 bar. lat 10. 21. S. 59. 33. E

June. 20. raised whales lowered away and
got two which made 45 bar lat 9. 40 S. lon. 59. 48 E

Saturday July 7th mauritius bearing East
distance thirty miles raised whales got one which
made 40 bar lat 20. 47 S lon 56. 52 E

Friday July 20th raised whales lowered down
and got one which made 25 bar. lat 28. 9 S. 55. 08 E
Rod

August 14th raised whales going to windward
did not lower lat 19. 29 S. long 62. 30 E

August 28th raised whales in a calm lowered and
and chased them all day did not succeed in striking
lat. 19. 31 S. long 59. 37 E

September 18th raised whales blowing very hard lowered
one boat but could not do anything it was so rough
lat 19. 29 S. long 62. 20 East

Saturday. September 22nd raised whales lowered our boats
and got two which made 75 bar, lat 20. 0 S. long 62. 30 East

Oct. 27th raised whales about 10 o'clock
lowered our boats and got three which made
50 barrels lat 19. 19 S. 60. 47 East

Off Bourbon Cruising

Nov 27th raised whale going to windward quick lowered away and gave chase did not succeed in striking Lat 21. 48 S. Long 55. 08 East

Dec 3rd raised whale going to windward quick lowered our boats and gave chase did not succeed in striking Lat 22. 36 South Long 53. 11 East

Off Port Dauphin Cruising

Dec. 9th at twelve o'clock P.M. raised a large whale going west lowered away and gave chase did not succeed in getting fast Lat. 23. 50 S. Long 49. 40 East

Dec. 14. at 5 o'clock P.M. raised whale going to windward lowered our boats and gave chase did not succeed in getting fast Lat 24. 00 S. Long 49. 45

Dec. 16th at two o'clock P.M. raised whale going to windward did not lower our boats Lat 24. 11 S. Long 48. 53 East

Dec. 20th raised whale going to windward did not lower Lat 23. 58 S. Long 49. 33 East

Bark. Desdemona 18 months from home with 400 bar sperm oil in Lat 35. 22 S. Lon 54. 00

5

Remarks on board Bark Desdemona

Remarks on board Saturday March 23^d 1867
Commences with light breezes from E. N. E.
heading S. Employed in the rigging and
sent down new fore top sail and bent the old
one at night took in sail middle part fine
weather. Latter the same with light breezes
from S. Employed in taking out meat. so
ends these 24 hours

Lat 33° 25' S
Long

Remarks on board Sunday March 24th
Commences with light breezes from E. N. E.
heading S. and continued so throughout the day
at night took in sail Lat 35° 26' South
Long 58° 29' East

Remarks on board Monday March 25th
Commences with light breezes from the S. E.
heading E. N. E. at sunset took in the light
sails. Haller light breezes with a drizzling rain
employed in breaking out water Lat 34° 42' South
Long 59° 03' East

Remarks on board Tuesday March 26th
Commences with light breezes from the S. E. at
sunset took in sail. Latter the same with light
breezes with some rain so ends these 24 hours
Lat 34° 45' South
Long

Remarks on board Wednesday March 27th
Commences with light breezes heading S.
employed in the rigging. Latter light breeze
with thunder and lightning and heavy rain
so ends these 24 hours

Lat
Long

Remarks onboard Bark. Dordam on

Thursday March 28th 1807

Commenced with fine clear weather at sunset
took in sail heading W latter light breezes
employed in breaking out. mist &c.

Lat 34. 25. S

Long

Remarks onboard Friday March 29th

Commenced with fine weather still employed
in breaking out the after hole & latter the
same at sunset took in sail heading S. E

Lat 34. 25 South

Long

Remarks onboard Saturday March 30th

Commenced ^{with} a strong breeze from the S. E.
at sunset took in the foresail and close reefed
the main topsail latter strong breeze with
sail employed in breaking out. water

Lat

Long

Remarks onboard Sunday March 31st

Commenced with fine weather heading S. W
with all sail out latter at sunset doubled reefed
the topsails. middle part fine weather latter the
same at 10 o'clock saw black fish towed away
and got two to the Starboard boat

Lat 34. 00 S.

Long 6. 59 E

Monday March 1st Commenced with fine weather
employed in cutting black fish finished
about 9 p m five men got in to a quarrel about
4 o'clock which ended in a fight but the first mate
soon separated them at sunset took in sail heading
east.

with a strong wind from the Eastward 18th

Monday 17th April 18th
Commenced with a strong wind from the Eastward 18th
with a fair sail at 10 o'clock in morning and
back to land the same at sunset 18th
Fair

Tuesday April 19th
Commenced with a strong wind from the Eastward
wind of 10 o'clock in morning at 10 o'clock and
employed in mending, and at 4 o'clock sail
for the same at sunset 19th to the wind
and back in sail 19th 18th.

Wednesday April 20th
Commenced with a strong wind from the Eastward
at 10 o'clock in morning sail and at 4 o'clock
employed in mending sail for the same
with a fair breeze at 4 o'clock P.M. sailed at
the wind on the 20th back at sunset 20th
and were ship 21st

Thursday April 21st
Commenced with a strong wind from the Eastward
at 10 o'clock in morning to on the 21st
employed in mending sail and at sunset 21st
the 21st and were ship 22nd

Friday April 22nd
Commenced with a strong wind from the Eastward
and continued so throughout the day

Saturday April 23rd
Commenced with a strong wind from the Eastward
at 10 o'clock in morning sail and at 4 o'clock
employed in mending sail for the same
with a fair breeze at 4 o'clock P.M. sailed at
the wind on the 23rd back at sunset 23rd
and were ship 24th

24th

Monday April 7th ... fine weather ...
at sunset took in sail and were ship
at 5.14.5

Tuesday April 8th fine weather heading S.E.
at sunset were ship and were ship
in sail at 5.14.5

Wednesday April 9th fine weather wind S.E.
heading by the wind on the starboard tack at 3 P.M.
were ship at sunset took in sail at 3.58.5

Thursday April 10th commenced with S.W. wind
and heavy squalls from the S.E.
at sunset more moderate made sail heading S.E.
at 5.14.5

Friday April 11th commenced with S.W. wind
and heavy squalls from the S.E.
at sunset more moderate made sail heading S.E.
at 5.14.5

Saturday April 12th commenced with S.W. wind
and heavy squalls from the S.E.
at sunset more moderate made sail heading S.E.
at 5.14.5

Sunday April 13th commenced with S.W. wind
and heavy squalls from the S.E.
at sunset more moderate made sail heading S.E.
at 5.14.5

Monday April 14th commenced with S.W. wind
and heavy squalls from the S.E.
at sunset more moderate made sail heading S.E.
at 5.14.5

Remarks on board Bark. Usedom 1867

Monday April 15th still blowing, all standing
to under a close reefed mainsail

Lat 24. 33. N

Long 62. 38. W

Tuesday April 16th weather same as before at 11 A.M.
set the foresail turned the reef out of the topsails and
kept her away S. by E. at daylight still working
set the topgallantsails on bent the gib and repaired
it at 10 A.M. bent it again and sent in the flying
gib and repaired it at 4 P.M. bent it Lat. 25. 16. N

Long 62. 28. W

Wednesday April 17th commenced with fine weather showing
S. by E. at 6 saw ship steering westerly middle part fine
weather clear like the same with fine breeze from the S.W.

Lat 22. 30. N

Long 62. 54. W

Thursday April 18th commenced with strong wind and
fine weather commenced in evening out. met
metast. water S. at 12 in Lat and Long of Rodriguez
Chronometer out the way we, and in night passed
round the Cape and were off the South

Lat 19. 50. N

Long 62. 57. W

Friday April 19. fine weather at 1 A.M. were off the
Cape at daylight made all sail at 6 sailed Rodriguez
Island bearing S. 11° Distance about 20 miles at 2 P.M.
got under the Cape and one ship at anchor anchored
by the light and kept away S. by W. at sunset took in sail
under fine weather

Lat 19. 45. N

Saturday April 20th commenced with fine weather at 1 A.M.
made and were off the Cape at daylight commenced
in mending foretop sail later fine weather employed
in washing ship at 8 saw ship steering to the north
sunset took in sail

Lat 19. 40. N

Dec. 2nd.

... .. with strong winds and
... .. were such in the
... .. at 2. were thick
... .. with squalls

... .. with strong winds
... .. made the
... .. at 12 passed
... .. at 5
... ..

... .. at 2 P.M. were in
... .. wind increasing
... .. the same with
... .. main top rail

... .. a gale from the
... .. main top rail and
... .. at 4 P.M.
... ..

... ..
... ..
... ..
... ..

... .. from the
... .. at 8 took a
... .. and on Capt's
... .. in getting
... ..

... ..
... ..
... ..
... ..

Remarks On Board Commodore C. H. Rodri...

Sunday April 28th Commenced with fine weather
one watch stood on duty at sunset came aboard
later night: breeze and fine weather

Monday April 29th Commenced with light winds
with rain squalls employed in cleaning iron work
one watch went down on duty at sunset all came
aboard saw ship off the harbor at sunset

Tuesday April 30th Light winds and in
employed in getting water and wood and stowing it
Saw a ship from the south with 6 guns when 2 to 3 miles

Wednesday May 1st fine weather employed in stowing
off the hatches & cleaning up decks

Thursday May 2nd fine weather at 3 P.M. light came
aboard took our anchor and proceeded to sea stowed away
cables and cleared up decks at 7 doubled reefed the topsails
later fine and light breeze

Friday May 3rd Commenced with fine weather
in getting things ready for morning with fine weather
and light breeze at sunset hauled in sail and being
west did not see much

Saturday May 4th fine weather and light breeze
employed in washing ship at sunset hauled in sail
went due 20 miles the breeze up and at 10 miles to the
south

Sunday May 5th fine weather and light breeze
went due about 20 miles

Monday May 6th Commenced with fine weather and
light breeze from the south employed in the morning

Journal of the Ship's Log

Tuesday May 7th Commenced with strong breeze from the N.E. at daylight made sail and kept her away from at 6 P.M. wind increasing doubled the topsail at night moderate out reefs and set main top gallant sail

Wednesday May 8th Strong trade steering west at 4 P.M. tumbled to the wind heading South Lat 19. 45 South Long 57. 30 E

Thursday May 9th Strong trade steering south and by 4 P.M. tumbled to the wind heading South and kept in force

Friday May 10th Strong trade steering South and by 4 P.M. tumbled to the wind heading South Lat 17. 30 South Long 58. 00 E

Saturday May 11th Strong trade steering N.E. in sail steering South employed in washing ship at 15. 30 S Long 57. 52 E

Sunday May 12th Commenced with fine weather steering N.E. at sun set tumbled to the wind heading Northeast Lat 12. 58 S Long 58. 74 E

Monday May 13th Fine weather with light breeze from N.E. employed in the rigging Lat 11. 40 S Long 59. 11 E

Tuesday May 14th Night breeze and fine weather steering N.E. employed in breaking out main top gallant later fine then sent down the main top sail and kept the old one down in force Lat 9. 45 S Long 59. 00 E

Wednesday May 15th Night breeze and fine weather steering N.E. employed in mending sails later fine weather at sunset look in sail Lat 7. 50 S Long 59. 55 E

On Hagar de Mula Banks Cruising

Monday June 10th Tuesday May 10th 1867
light breeze and fine weather employed in the rigging
darker same with light breeze and fine weather at sunset
look in sail

Lat 10. 00 S

Long 66. 22. E

Tuesday June 11th light breeze and fine weather at daylight
made sail heading North east employed in cleaning iron
work

Lat 9. 50 South

Long 66. 22. E

Wednesday June 12th commenced with a strong breeze from the
South east employed in cleaning iron work at sunset
made sail heading North east employed in cleaning iron
work at sunset look in sail

Lat 1. 40 South

Long 66. 22. E

Thursday June 13th light breeze and fine weather heading
to the westward at sunset look in sail

Lat 10. 00 S

Friday June 14th light breeze and fine weather
employed in cleaning iron work at sunset look in sail

Lat 10. 00 S

Saturday June 15th commenced with fine weather at daylight
made sail employed in mending fore topsail at sunset
fine weather finished fore topsail and look in sail

Sunday June 16th light breeze and fine weather
employed in cleaning iron work at sunset look in sail
Ship Tancer two years out 900 bar. sperm

Monday June 17th light breeze and fine weather
employed in cleaning iron work at sunset look in sail

Lat 10. 00 S

Long 66. 22. E

Tuesday June 18th light breeze and fine weather heading to the west
employed in cleaning iron work at sunset look in sail
Ship Tancer two years out 900 bar. sperm

Journal of the Lemona on Lake Malawi

Monday, May 24th. Commenced with eight men and
going to the lake. The same employed in washing ship.
Ship came in night at 4.40.

Monday, May 25th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, May 26th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, May 27th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, May 28th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, May 29th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, May 30th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, May 31st. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 1st. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, June 2nd. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 3rd. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 4th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, June 5th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 6th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 7th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, June 8th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 9th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 10th. Fine weather and light breeze
going with the same. At 1.40. Light

Monday, June 11th. Fine weather and light breeze
going with the same. At 1.40. Light
Monday, June 12th. Fine weather and light breeze
going with the same. At 1.40. Light

Banks' Cruising May 24th 1867.

Monday June 2nd Commenced with clear weather and Atlantic in sight

Tuesday June 3rd At home. Clear and fine weather. High tides and Atlantic in sight. Later saw some birds a while ago.

Wednesday June 4th At home. Clear and fine weather. Saw ship, canoe cutting

Thursday June 5th Night driving and fine weather employed in the rigging. Later the same with fine weather. Saw some birds and some trees in the

Friday June 6th Commenced with clear weather and Atlantic in sight. At 7 o'clock wind rose and got from many side at 2 o'clock down and commenced to cut at 10 o'clock cutting

Saturday June 7th Drained up slowly and commenced to sail back Atlantic in sight cutting

Sunday June 8th Clear with rain squalls employed in rigging. Later the same with light breeze. Finished cutting at 10 o'clock and worked up down

Monday June 9th Clear and squally weather. Employed with ship, canoe

Tuesday June 10th At home. Clear and fine weather in sight. Saw some birds and some trees in the cutting oil

Running the Board Bark. Descriptive On Loga

Monday June 11th Commenced with strong breeze and
calm at sundown. To the down finished at sunset ship
was and Atlantic in sight

Tuesday June 12th Commenced with strong breeze and
generally weather later the same bark Atlantic in sight

Wednesday June 13th Strong breeze and generally weather
beating to the south under double reefed topsails at noon
saw ship and set the sail

Thursday June 14th Strong breeze and rainy weather
beating to the south later the same with strong breeze and
wind at sunset death vessel the ship

Friday June 15th Strong breeze turned the vessel out
of the topsails Atlantic in sight later part of evening
at sunset looked out the topsails that sunset

Saturday June 16th Strong breeze and generally weather
beating to the south at sunset ship in sight later the same
at sunset the same ship was at sunset at sunset
the same ship

Sunday June 17th The same with strong breeze
beating to the south at noon were ship to the east
later the same ship was at sunset by sunset

Monday June 18th Fine weather and light breeze
beating to the south at sunset in beating at
sunset Atlantic in sight

Sunday June 23 Breeze strong and fair weather
 made sail made 100 miles and 11 miles in
 water fine weather made 100 miles in sail on
 to the south

Journal of the Ship "Plover" 1854

Wednesday Jan 1st. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Thursday Jan 2nd. The same with more rain at times. Took in the forenoon and went ship to the east at 4.30.

Friday Jan 3rd. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Saturday Jan 4th. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Sunday Jan 5th. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Monday Jan 6th. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Tuesday Jan 7th. Fine weather. Took in the forenoon and went ship to the east at 4.30.

Wednesday Jan 8th. Strong breeze from the east with rain at times. Took in the forenoon and went ship to the east at 4.30.

Thursday July 28th Commenced with light breeze and
fine weather at light made all sail heading to the
stream more to the south more employed in the rigging
at sunset took in the light sail
Long 60.30 W

Friday July 29th Commenced with light breeze and fine
weather employed in the rigging later no wind and
very warm at sunset took in the light sail
Long 60.40 W

Saturday July 30th Light breeze and fine weather employed
in the rigging at noon commenced to reef hole and
weather with at sunset took in sail Long 60.50 W

Sunday July 31st Strong breeze and squally weather
at day light raining very hard continued to let down
slowing south sunset double reefed the top sail at sunset
Long 61.00 W

Monday Aug 1st Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Tuesday Aug 2nd Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Wednesday Aug 3rd Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Thursday Aug 4th Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Friday Aug 5th Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Saturday Aug 6th Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Sunday Aug 7th Strong breeze from the west blowing
with rain sunset took in sail at sunset at sunset

Wednesday June 21st 1844

Left at 10 AM for the west coast of the island. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Thursday June 22nd 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Friday June 23rd 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Saturday June 24th 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Sunday June 25th 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Monday June 26th 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Tuesday June 27th 1844. Arrived at the west coast at 10 AM. The weather was very fine and the sea was calm. We arrived at the west coast at 4 PM. The distance from the east coast to the west coast is about 10 miles.

Friday July 27th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Saturday July 28th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Sunday July 29th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Monday July 30th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Tuesday August 1st. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Wednesday August 2nd. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Thursday August 3rd. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Friday August 4th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Saturday August 5th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Sunday August 6th. Heavy rain from the north. Light
in south. Sailed at 10 AM with all sail out. Arrived
at 1 PM. Took in the water with the boat. Sailed at 2 PM.

Journal of the ...

the 11th day of ... in weather very ...
in weather ... where ... last ...
... in ... at ...

... common with ... and the
... in ... in ... light in
... at ...

... day ... in weather
... and ... in
... at ...

... day ... at ...
... in ... in weather ...
... in ... and ...

... day ... in weather
... at ... in
... in ...

... day ... in weather
... in ... in weather
... in ... in weather
... in ... in weather

... day ... in weather
... in ... in weather
... in ... in weather

... day ... in weather
... in ... in weather
... in ... in weather

... day ... in weather
... in ... in weather
... in ... in weather

Wednesday 20th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Thursday 21st - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Friday 22nd - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Saturday 23rd - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Sunday 24th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Monday 25th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Tuesday 26th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Wednesday 27th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Thursday 28th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Friday 29th - A fine day, but a heavy rain at night. The day was very warm and the sun was shining brightly. The wind was from the south and the sea was calm.

Monday Aug 27th fine weather and light breeze
sailing rather getting west from shore the weather fine
and clear

Tuesday Aug 28th fine weather and light breeze
sailing a strong breeze rather

Wednesday Aug 29th the wind shifted to the north and commenced
to rain at noon and continued on till 4

Thursday Aug 30th continued in weather much the same
with some rain in the night

Friday Sep 1st did not sail on Friday commenced
to rain about 10 o'clock and continued

Saturday Sep 2nd continued in weather much the same
the wind shifted to the north and commenced to rain
at 10 o'clock and continued till 11

Sunday Sep 3rd fine weather and light breeze
went to the shore with the magistrate got a quantity
of grain and some other goods and then
went to the shore with the magistrate

Monday Aug 28th fine weather Bark Atlantic
sailing off and on 14 days from Havana

Tuesday Aug 29th fine weather Bark Atlantic
went to the shore with the magistrate and then
sailed for the shore with the magistrate

Wednesday Aug 30th fine weather Bark Atlantic
went to the shore with the magistrate and then
sailed for the shore with the magistrate

Wednesday Sept 20th I began to see the
whales and got the first one at 10th 11th
along with the one we got at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21th 22th 23th 24th 25th 26th 27th 28th 29th 30th 31st

Thursday Sept 21st I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Friday Sept 22nd I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Saturday Sept 23rd I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Sunday Sept 24th I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Monday Sept 25th I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Tuesday Sept 26th I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Wednesday Sept 27th I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Thursday Sept 28th I began to see the
whales and got the first one at 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Monday Sept 14. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore

at 10.30. Long 91.10. Lat 34.10. Sailed
at 11.00. Long 91.10. Lat 34.10. Sailed
at 11.00. Long 91.10. Lat 34.10. Sailed

Tuesday Sept 15. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore

Wednesday Sept 16. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore

Thursday Sept 17. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore
Long 91.10. Lat 34.10. Sailed

Friday Sept 18. Fine weather

Saturday Sept 19. Fine weather. Having lost the
sunset we did not heading to the shore
Long 91.10. Lat 34.10. Sailed

Sunday Sept 20. Fine weather. Having lost the
sunset we did not heading to the shore
Long 91.10. Lat 34.10. Sailed

Monday Sept 21. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore
Long 91.10. Lat 34.10. Sailed

Tuesday Sept 22. Light breeze and fine weather
arrived in the morning. Having lost the
sunset we did not heading to the shore
Long 91.10. Lat 34.10. Sailed

Off Boston leaving Sept. 1867

Thursday Sept 18th fine weather not anything in sight. Sailed at 10 AM. Land bearing east 10 miles

Friday Sept 19th fine weather and fine weather employed in sailing and rigging vessel. Land bearing south 10 miles

Saturday Sept 20th fine weather and fine weather. Sailed at 10 AM. Land bearing east 10 miles. Sailed at 10 AM. Land bearing east 10 miles

Sunday Sept 21st fine weather and fine weather employed in rigging out bread and other supplies. Land bearing south 10 miles

Monday Sept 22nd fine weather and fine weather. Sailed at 10 AM. Land bearing east 10 miles. Sailed at 10 AM. Land bearing east 10 miles

Tuesday Sept 23rd fine weather and fine weather. Sailed at 10 AM. Land bearing east 10 miles. Sailed at 10 AM. Land bearing east 10 miles

Wednesday Sept 24th fine weather and fine weather. Sailed at 10 AM. Land bearing east 10 miles. Sailed at 10 AM. Land bearing east 10 miles

Monday Oct 21st Sunday Oct 20th

Friday Sept 28th Light breeze and fine weather
sailing to the south. Late forenoon sailing east
about 10 miles from the shore.

Saturday Oct 29th fine weather and light breeze
from the south. Lat 40.00. S Long 41.00. E

Sunday Oct 30th fine weather and light breeze from
the south. Employed in breaking out small and middle
sized boats. Late report the Spanish sailing S. 10. E
Lat 40.00. S Long 39.00

Monday Oct 31st fine weather and light breeze from
the south. Employed in breaking out small and middle
sized boats.

Tuesday Oct 2nd fine weather and light breeze
from the south. Lat 40.00. S Long 40.00

Wednesday Oct 3rd Strong breeze from the south
and light breeze. Lat 40.00. S Long 40.00
Employed in breaking out small and middle
sized boats. Lat 40.00. S Long 40.00

Thursday Oct 4th Light breeze and fine weather
sailing to the south. Lat 40.00. S Long 40.00
Employed in breaking out small and middle
sized boats. Lat 40.00. S Long 40.00

Friday Oct 5th Light breeze and fine weather
sailing to the south. Lat 40.00. S Long 40.00
Employed in breaking out small and middle
sized boats. Lat 40.00. S Long 40.00

Saturday Oct 6th fine weather and light breeze
from the south. Lat 40.00. S Long 40.00

Monday Oct 7th Light breeze and fine weather
in evening down sail at 4 pm and at 6 pm
sunset down in the light air making to the south
Lat 44 1/2 N Long 66 1/2 W
Tuesday Oct 8th Light breeze and fine weather making
to the south noon were ship to the east sunset took
in sail Lat 44 1/2 N Long 66 1/2 W

Wednesday Oct 9th Light breeze and fine weather
making to the east noon employed in mending
sails sunset took in sail
Lat 44 1/2 N Long 66 1/2 W
Thursday Oct 10th Commenced with strong breeze from
the southeast light air in evening sperm whales
one small one seen along with it noon yet down
and commenced to sail fine light at 4 pm and at 6 pm
the work Lat 44 1/2 N Long 66 1/2 W

Friday Oct 11th Strong breeze and fine weather
making to the east at 4 PM commenced fishing and
off a school of whales seen at 4 PM and at 6 PM
Saturday Oct 12th Light breeze and fine weather making
to the east noon were ship to the south and took
in sail Lat 44 1/2 N Long 66 1/2 W

Sunday Oct 13th Fine weather and light breeze
making to the south noon were ship to the east and took
in sail Lat 44 1/2 N Long 66 1/2 W

Monday Oct 14th Fine weather and light breeze
making to the east noon were ship to the east and took
in sail Lat 44 1/2 N Long 66 1/2 W

Thursday Oct 24th fine weather sailing at 10 AM
and at 11 AM in the air

Friday Oct 25th fine weather sailing at 10 AM
and at 11 AM in the air

Saturday Oct 26th fine weather sailing at 10 AM
and at 11 AM in the air
at 11 AM in the air

Sunday Oct 27th fine weather sailing at 10 AM
and at 11 AM in the air

Monday Oct 28th fine weather sailing at 10 AM
and at 11 AM in the air

Tuesday Oct 29th fine weather sailing at 10 AM
and at 11 AM in the air

Wednesday Oct 30th fine weather sailing at 10 AM
and at 11 AM in the air

Thursday Oct 31st fine weather sailing at 10 AM
and at 11 AM in the air
at 11 AM in the air

Friday Nov 1st fine weather sailing at 10 AM
and at 11 AM in the air

Saturday Nov 2nd fine weather

Sunday Nov 3rd fine weather sailing at 10 AM
and at 11 AM in the air

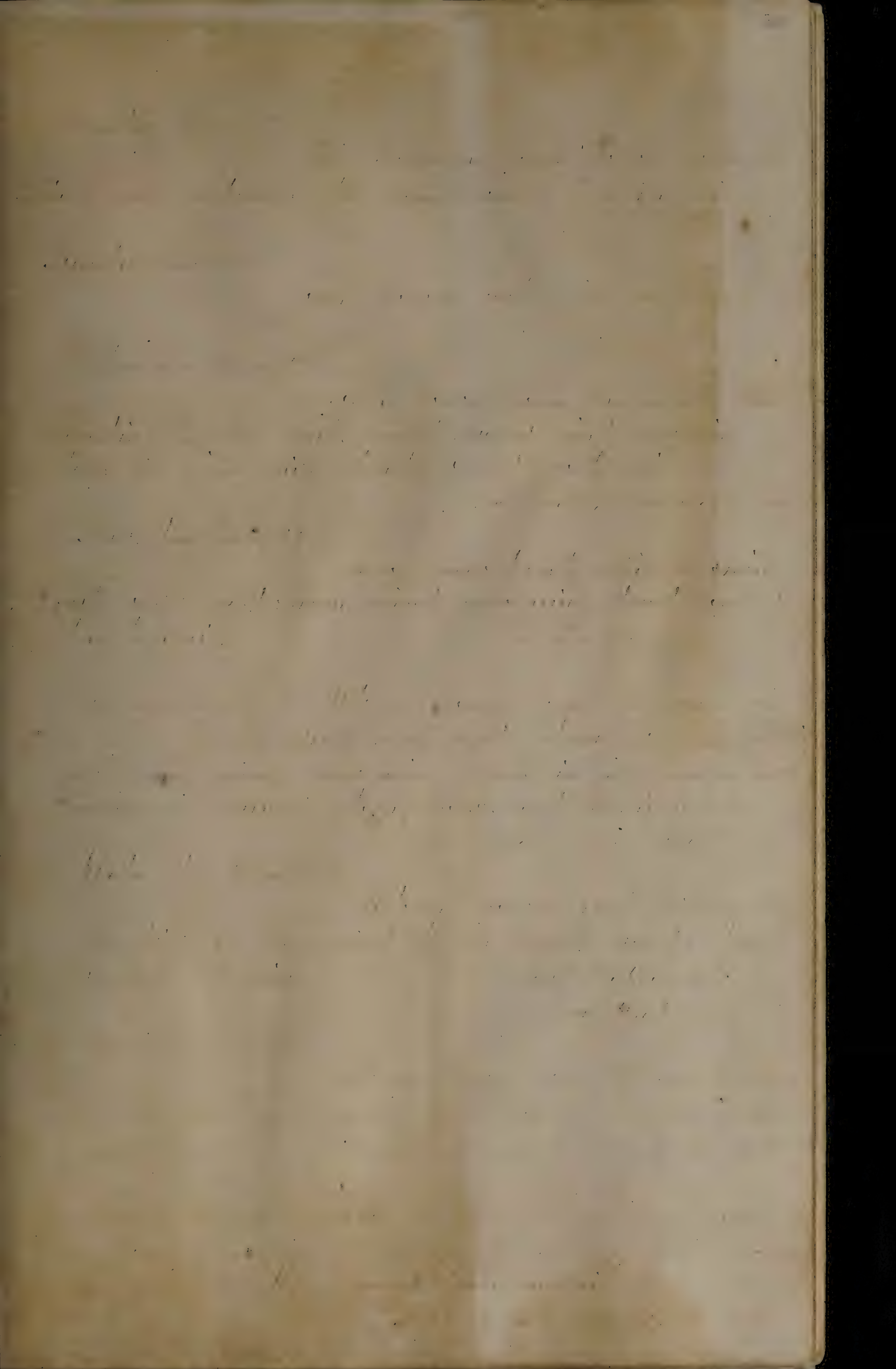
The Great London Dispensary

At the Dispensary, London, on the 23rd of June 1844
I have received from the Great London Dispensary
the following list of medicines, which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100

1. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100
2. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100
3. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100

4. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100
5. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100
6. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100
7. A list of the medicines which are to be
sent to the Dispensary at the rate of 7 1/2 p. 100

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]



10

11

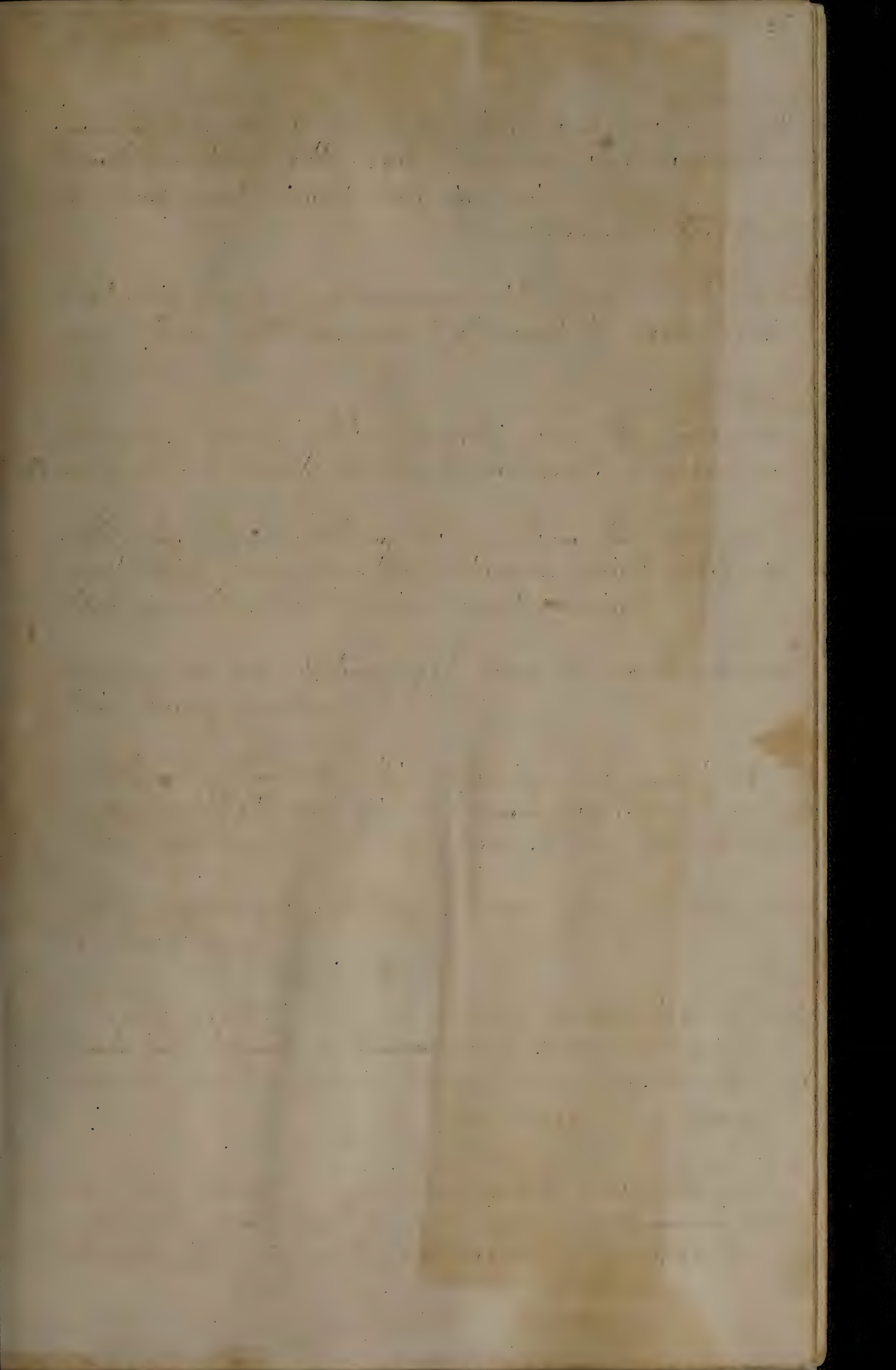
12

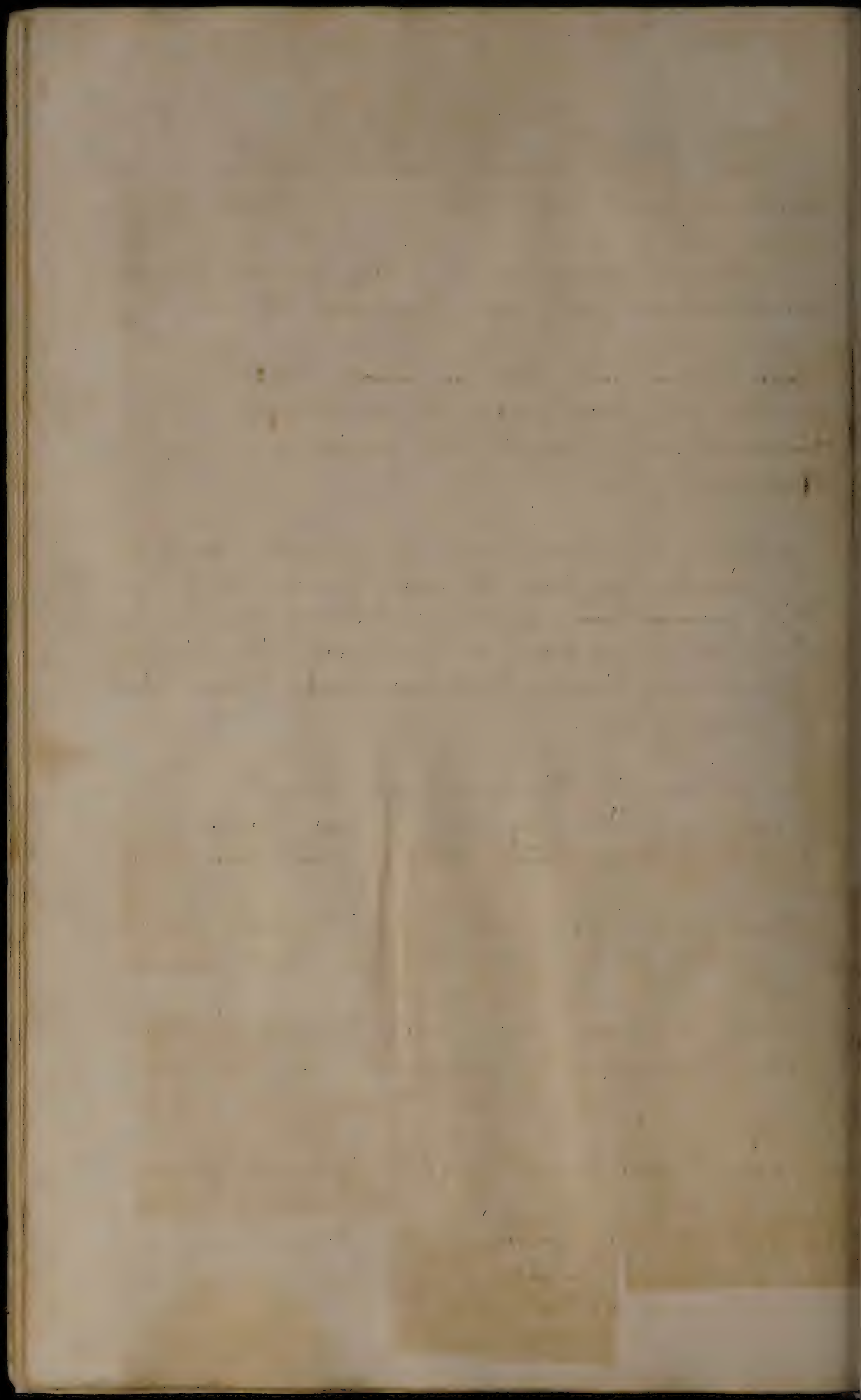
13

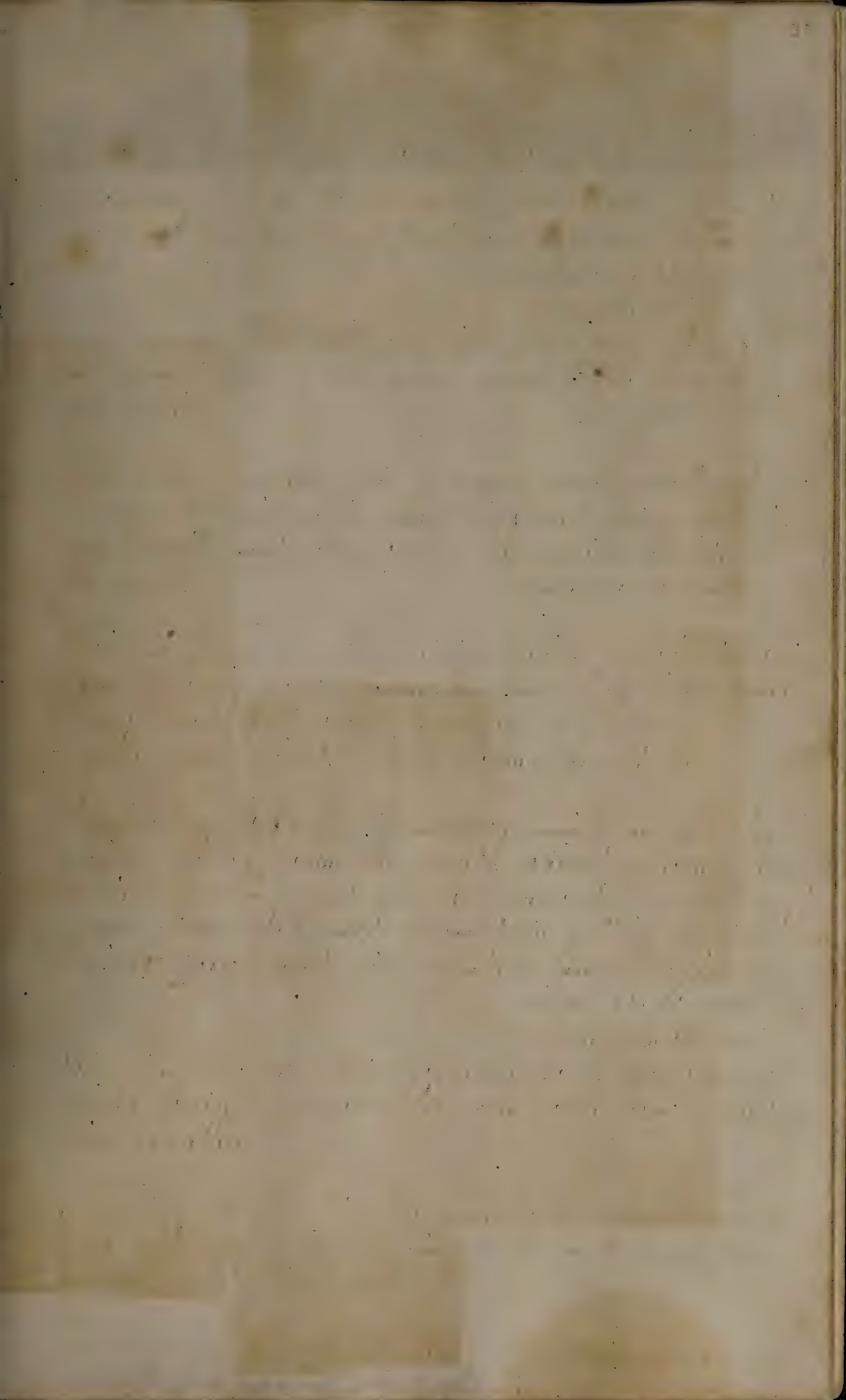
14

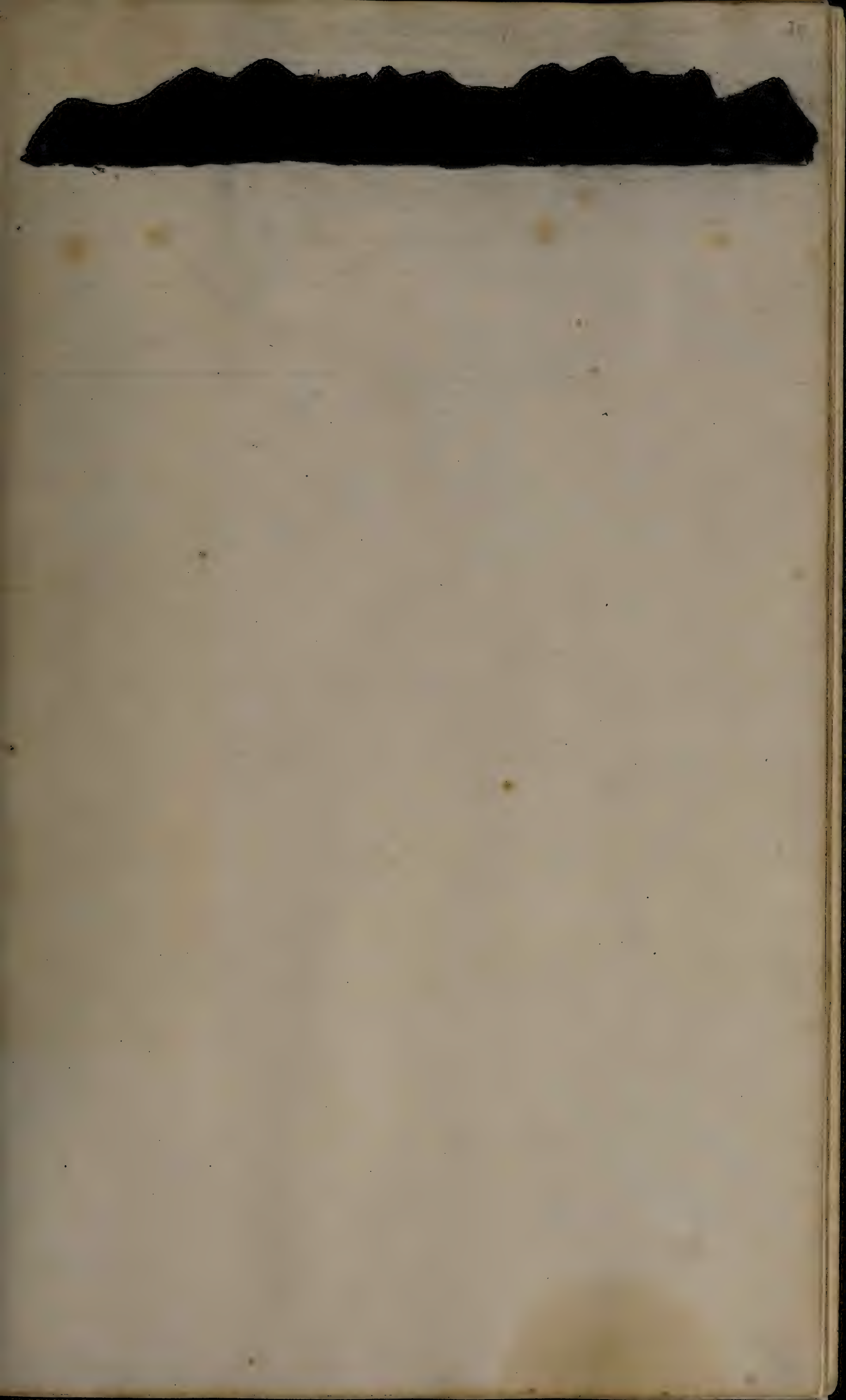
15

16









When the lower is observed
add together the ^{sun's} Semidiameter & it
and the moon's horizontal refraction $34.17''$ to which
add the dip of the horizon found in table 5th call this
the correction
correct the declination and find the polar distance as usual
and carry the latitude to the place of observation by the
rule already given
add together the latitude and the polar distance from
which subtract the above correction. Take half this
sum to which add the same correction and call it the
difference.

The apparent time is then found by the usual manner
in finding time by the tables.

When the Upper limb is observed
add together the horizontal refraction $34.17''$ the sun's
semidiameter Nautical Almanac and the dip of the
horizon in table 5 call this sum the correction

correct the declination and latitude as before and find
the sun's Polar Distance

Add together the latitude and Polar Distance
from which subtract the above correction. Take half
this sum to which add the same correction
and call it the difference.

The apparent time is then found by the usual manner

Wednesday January 5

Log of Barque. Valparaiso Bound on a whaling

Wednesday January 8th sailed from Valparaiso on a whaling voyage with a good wind from the south. Stowed the anchors and set the mast. Latter part light breeze and fine weather.

Thursday January 9th commenced with fine weather and light breeze employed in stowing away cables and clearing up deck.

Friday January 10th commenced with fine weather & turn to the west employed getting boats ready for whaling also filling casks with salt water must look in sail later fresh breeze with thick hazy weather employed in rigging boats.

Sat
Sunday January 11th commenced with fresh breeze from the south. employed in rigging boats must look in sail. 10th part fresh breeze. Latter the same employed in filling casks with salt water. Lat 26.20 South Long.

Monday January 12th fresh breeze from the south employed in filling casks with salt water the wind blowing strong from the south ship under double reefed topsails middle part more moderate. Latter made sail wind south ship on the starboard tack.

Lat 26.20

Tuesday January 13th light breeze and fine weather ship standing south west in sail. Latter part the same men employed in rigging boats to

Lat 27.20 South Long

Remarks on board Bark Calaparaia

Remarks on board Monday Jan 11th

Commenced with light breeze and fine weather
Ship heading South west with all sail set
Sunset took top gallant sails in under full
fine weather daylight set top gallant sails
employed in rigging boats &c

Lat

Long

Tuesday Jan 12th commences with a fresh
breeze from the south one P.M. took in top gallant
sails employed in rigging boats sunset doubled
reefed the top sails wind increasing midnight
strong breeze from southeast after the same
employed in putting up cask and stowing
away old sails

Lat. 27.20 South
Long 87.08 East

Wednesday Jan 13th Strong breeze from
the south throughout there 24 hours ship
under double reefed top sails heading
South west Cooper employed in putting up
cask Carpenter at work on the lower deck
men all employed about deck

Lat. 28.19 South
Long

Thursday Jan 14th Strong breeze from
the southeast ship under double reefed
top sails heading S. S. W. employed in
repairing cutting gear &c

Lat. 29.17 South
Long

Remarks on board Bark. Valparaiso 1820

Friday Jan 14th fair, but there was
strong breeze from the south-east ship under
double reefed topsails heading S by W
latter part more moderate turned reefs
out of topsails and set main & gaffallant sails
employed in repairing cutting gear

Lat 32. 00 South
Long.

Saturday Jan 15th light breeze and fine
weather heading south west all sail set
employed in repairing cutting gear setting up
casks for water &c latter part wind very light
heading south west

Lat 32. 28 South
Long 87. 28 west

Sunday Jan 16th calm with a light wind
from the south heading N by W 4 P. M. a small
ship to the east latter part wind light and
bustling more fresh to the south at daylight
saw a ship heading to the north

Lat 32. 30
Long 87. 30

Monday Jan 17th light breeze and fine weather
throughout three or four hours employed in breaking
out meat and flour Carpenter at work on the
big work cooper making kegs and tubs
at noon a light breeze from the south west steering
E. S. E.

Lat 32. 28
Long.

Tuesday Jan 18th commenced with a light
breeze from the west steering E. S. E.
latter part fresh breeze steering S. by E
employed in the rigging

Lat 32. 35 South
Long 82. 05 west

Went on board Bark Valparaiso 1870 bound!

Thursday Jan 20th Breeze with light
winds and fine weather employed in the
rigging sunset took in sail latter part
fine weather steering east men employed
in the rigging at noon tackt ship

Lat. 33.59

Friday Jan 21st commences with light winds
and fine weather employed in the rigging
at 5 P.M. spoke Bark Mariposa of Valparaiso
latter part calm Island Masafra bearing
east dist 150 miles at noon three sail in sight

Lat 34.10

Saturday Jan 22nd light breeze and
fine weather employed in the rigging
latter part the same northwards well manned
at noon spoke bark Galeon of St. Pedro
27 months out with 450 bar. sperm oil

in Calicut to Juan Hernandez

Jan. 1st
Monday Jan 1st 1590. early 7. bar.
Feb. 1st 16th Jan. early 7. bar.
Apr. 23rd Jan. early 6. bar.
May 16th Jan. early 6. bar.

2.03
~~2.00~~

Board

Monday Feb. 7. one each
March 23rd one each
May 11th one each

Provisions

Monday May 9th got out one each

June 1st got out one each

Ref. 1000

De H. van H.


Jan. 6. 2. Dec
77 2 "

11

77 2 11

16. 2nd 2

Hand 5 1/2 1/2 1/2



23 1/2 2 "

Apr. 18th 2

Dec 2. 64 2

No 1

May 18. 2

Yacht 1000 2 11

Spun out

230
132
150
154
250
247
264
224
176
277
173

2347
1440
1690
5477

136
169
186
190
269
300
100
90+
1420

292
291
309
297
233
268
1690

Handwritten notes and calculations, including a large diagonal line and the number 2690.

170
36
206

Faint handwritten notes and calculations.

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12482 12482 12482
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 632 632 632
 567 567 567
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 616 616 616
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 2137 2137 2137

cit. taken since 1st 17th of July

263	120	302	105
200	100	143	248
302	100	236	291
200	130	180	277
210	111	70	241
265	258	105	200
175	75	111	261
117	129	299	280
	230	294	299
1831	100	70	278
	115		2480
	300	1810	
	169		
	123		
	100		

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 63) 5508 (863
504
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6106
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 2
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 204
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1344

157
142
 501

No. 9, 130
 5, 210
 12, 232
 4, 183
 3, 220
 2, 134
 1, 145
 6, 127
 8, 125
 17, 302
 10, 130
 12, 140
 14, 265
 16, 144
 18, 296
 19, 233
 15, 170
 11, 60

20, 284
 23, 105
 21, 84
 25, 107
 24, 300
 27, 130
 22, 108
 20, 128
 7, 120
1366

Ray

28, 305
 29, 305
 30, 295
 31, 295
 32, 300
1500

3246
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4612

No 1 = 145
 2 = 134
 3 = 220
 4 = 183
 5 = 210
 6 =

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38
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12, 19 =

Handwritten calculations and notes on a ledger page, organized in columns and rows. The text includes various numbers, some underlined, and some with annotations like "2nd day".

Top Section:

47-45-45-22	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25

Middle Section:

47-45-45-22	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25

Bottom Section:

47-45-45-22	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25
22-25	22-25	22-25	22-25

Annotations:

- 2nd day
- 11
- 12
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4.29	7.05	019.05
5.51	32.20	421.48
3.64.08	24.00	243.22
5.22.58	142.25	14.25.794
	211.42	716.2887
81.14	3.15	3.21.28
87.40		14.20
		3.35.51

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$\begin{array}{r} 14520 \\ 7240 \\ 5451 \\ \hline 3547 \end{array}$	$\begin{array}{r} 19,5526 \\ 706763 \\ 3.46.40 \\ 14.29 \\ \hline 4.01.09 \end{array}$	$\begin{array}{r} 07889 \\ 01315 \\ 77411 \\ 77761 \end{array}$
$\begin{array}{r} 34374 \\ 7187 \\ 44.68 \\ 14427 \\ \hline 8437 \end{array}$		

[illegible]

Handwritten mathematical calculations, including long division and multiplication problems, spanning the entire page.

607

883 71

22. 4/7
1916

195

515

[illegible]

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3.22.20 28.25 54410
5.12.34 28.38 54400
7.14 28.51 54389
8.14.12 29.04 54378
5.14.18 29.17 54367
5.12.22 29.30 54356

7.10.00 44.54 04272
5.08 45.05 06819
7.44.57 45.15 19113
2.32.19 45.25 91782
1.11.38 45.35 99598
2.09 45.45 97999
7.14 45.55 2.70.02
45.65 6.33
35.14 2.08.15

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7.14 33.00 83017
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77.22 33.39 15.47.50
05 day 33.52 16.28.13

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7.14.12 41.37 53591
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7.14.12 41.57 53571
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Handwritten mathematical calculations, including long division and multiplication problems, spanning the entire page.

Donna O 54-
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Peter 170
Donna 170
Holman 190
Cook 300
Donna 35-
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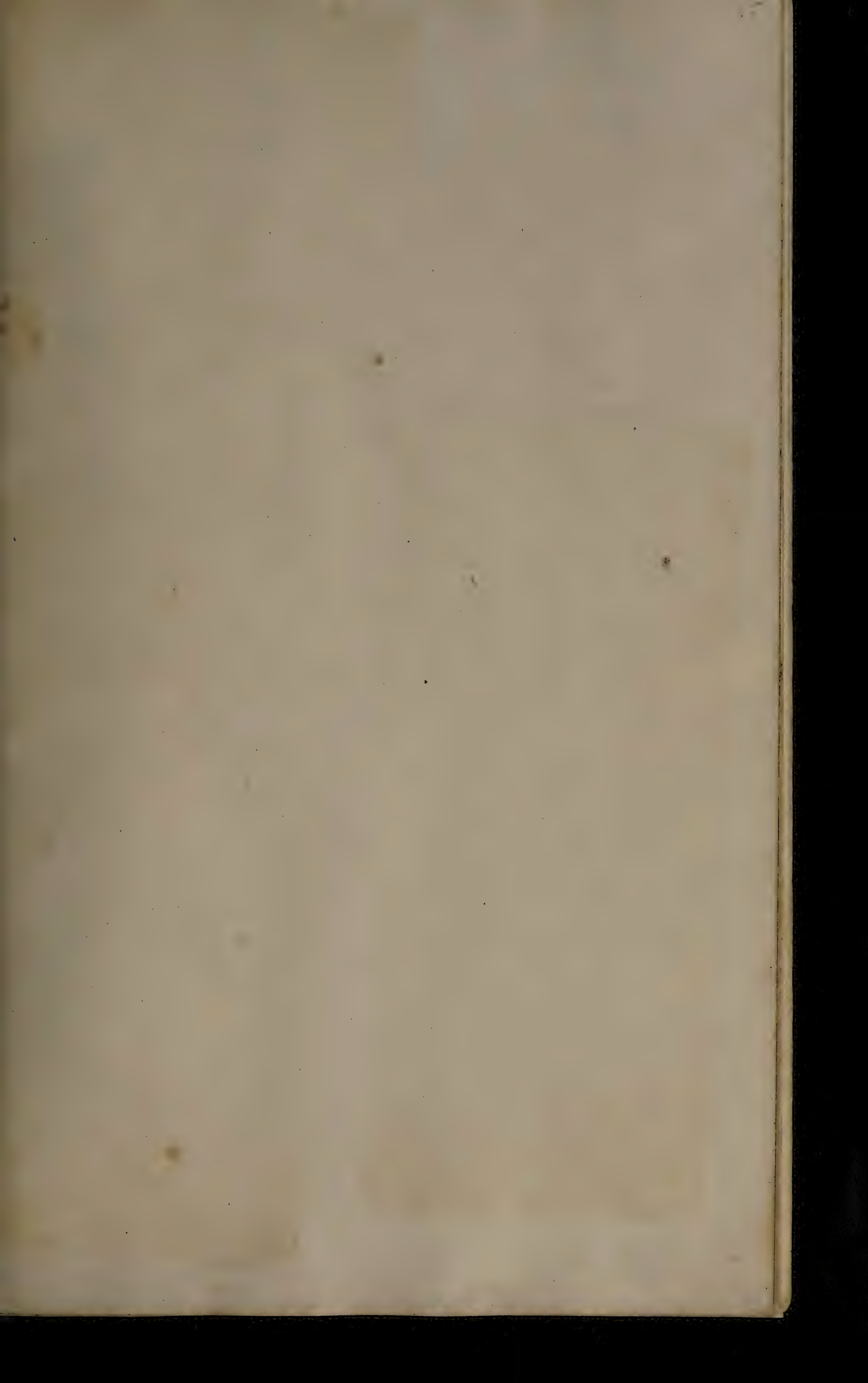
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1 of Tobacco

1 of Spiced

Antonio Lopez

Mr. Lopez - 1 of Tobacco

Mr. Lopez - one for dog

Antonio Boatstern one for shoes 1 for pants

Mr. Moran for pants shoes

Mr. Davis 1 of Tobacco

Copper 1 of Tobacco

Sam 1 Do

Dave 1 Do

Francis Bocas 1 Do

William Cook Cash 100

Mr. Moran pair pants 125

Do one of Spiced Tobacco

for pants

2 ounces of white sugar

boil in 1 quart water and strain

add 1/2 ounce of butter

Serve with coffee

3/10

21.
41

1 1 2 2
1 3
1 4 5 3 1 9

1.20 0040185

1.24 33

3.34
3.31

788.00
40185

1170.50
1.18.25

23273 7.10

8.35
2.20

7.15
1.10

7.15
1.10

11111111

350	10.00	200	45	100	05	3.20
50	80	490	10	50	80	80
500	50	2100	35	50	25	50
600	11.50	5700	75	170	8.50	

1530401.85

11.20 421.65 27369

7.10 309.00

60.00 612.69

5.60 1470.55

44.80 1783.24

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10.20

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2.90

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12.20

70.25

44.00

140.35

1.24.00

3.85

7.18.25

9.96

788

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7984

36

16

4

10

70

1760.00

125.00

1885.50

186.00

2071.50

1984.00

121.00

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1970.46

232.73

2202.79

2071.50

1921.00

1950.50

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 2995-

33096

1329 less

31767

hump back

3295-

35062

all total

1 person

2439
 22
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oil brand
January
22nd

300	202	188
184	340	121
107	184	191
192	282	192
285	197	181
247	206	150
281	223	248
187	70	308
308	95	246
273	190	304
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2264	2254	2129

23rd day

276	147	197	135	142
95	91	147	285	88
57	216	253	188	250
68	382	264	130	185
502	807	268	112	209
	237	191	136	191
	240	290	175	293
	165	281	1161	1329
	158	84		
	157	157		
	157	240		
	152	228		
	152			
2410	2525			

4th day

197	260	57	214	320
140	309	207	192	205
215	82	156	207	227
152	220	184	115	140
300	260	145	175	135
168	255	237	243	170
181	241	151	250	270
110	159	182	195	1477
78	184	188	205	
19	180	299	230	
79	244			
	2334	1787	2009	

89 257 brand oil

Sperm

215	84	205
295	122	175
292	208	182
120	300	215
205	320	205
262	165	205
175	188	190
100	218	205
197	190	130
227	125	136
250	170	269
146	190	145
110	190	125
259	235	265
144	154	215
106	164	218
3106	3023	2795

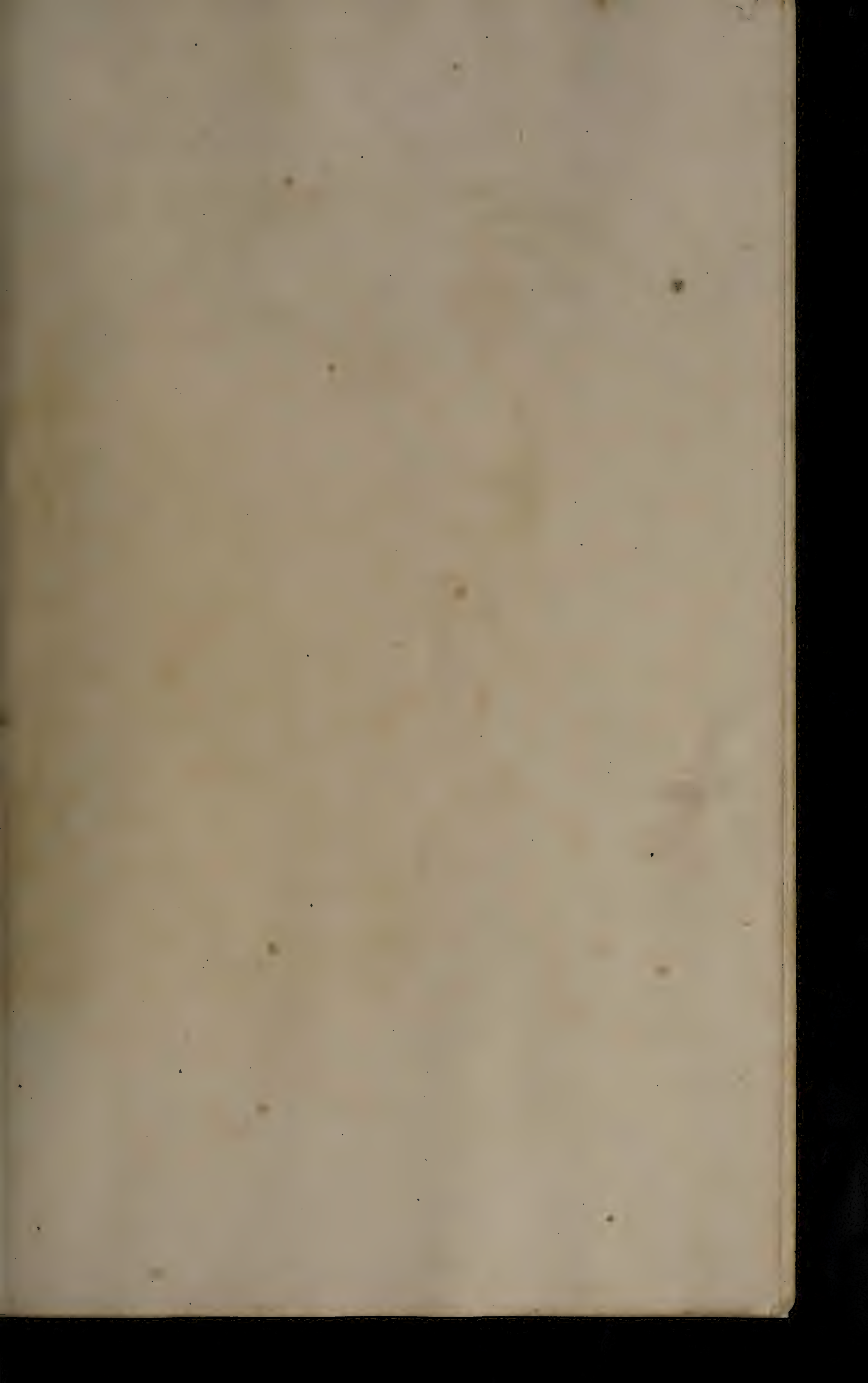
295
277
303
335
1210
1829
2539 Sperm

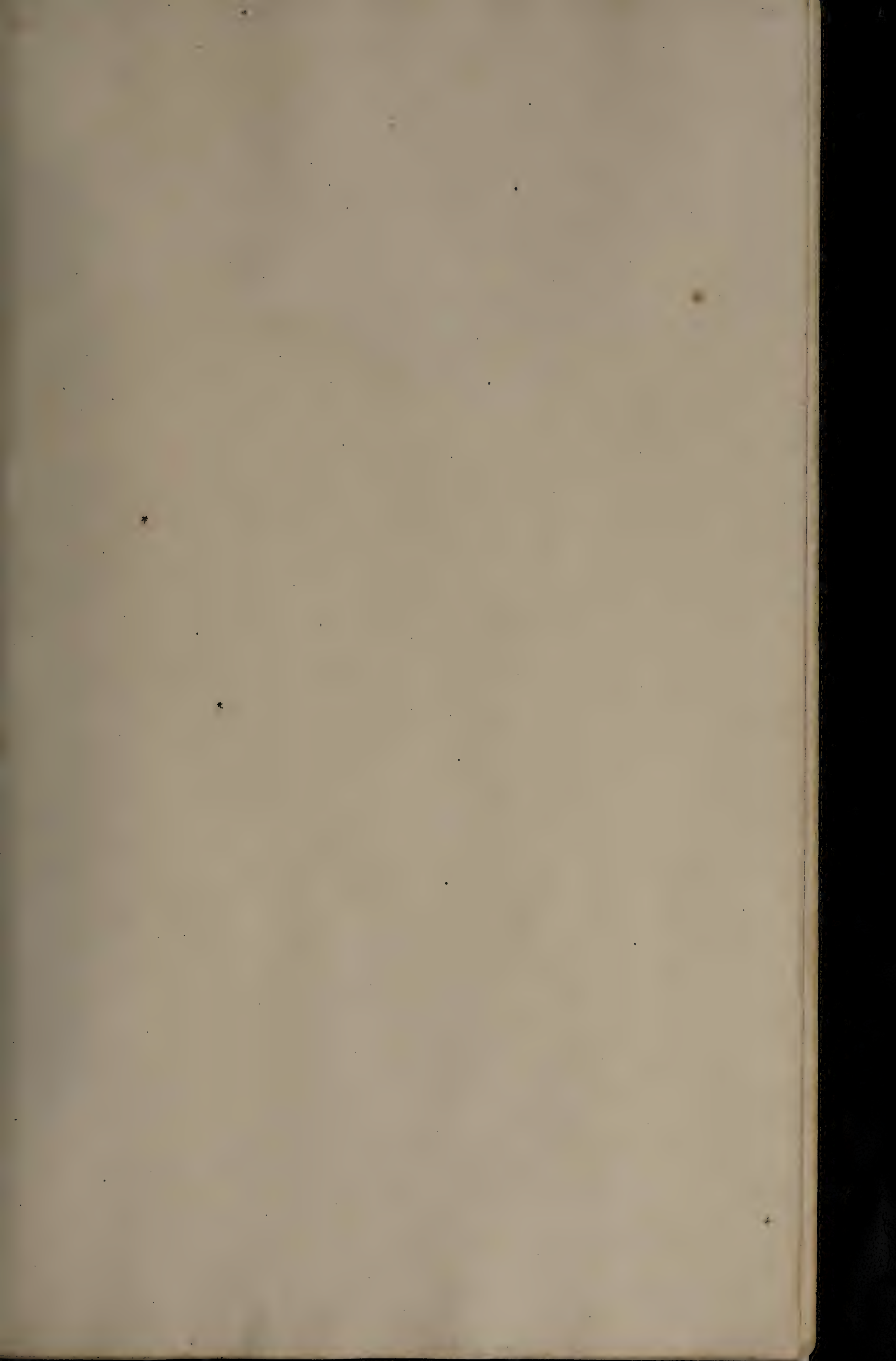
oil on brand

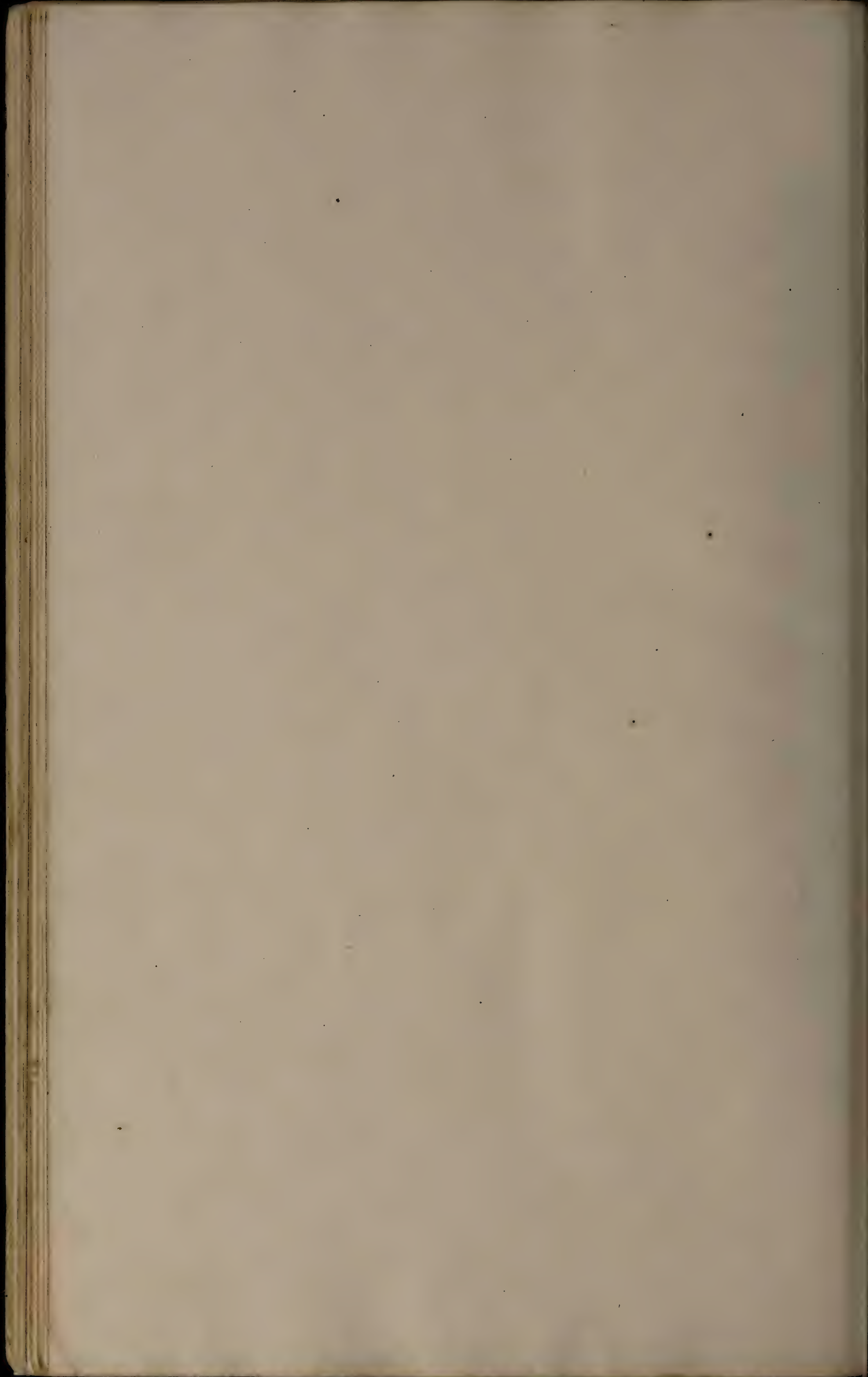
190	127	25
250	117	26
190	227	20
270	95	21
140	275	21
255	210	22
308	1051	22
116		24
240		21
1959		21
1051		21
5710		20 285

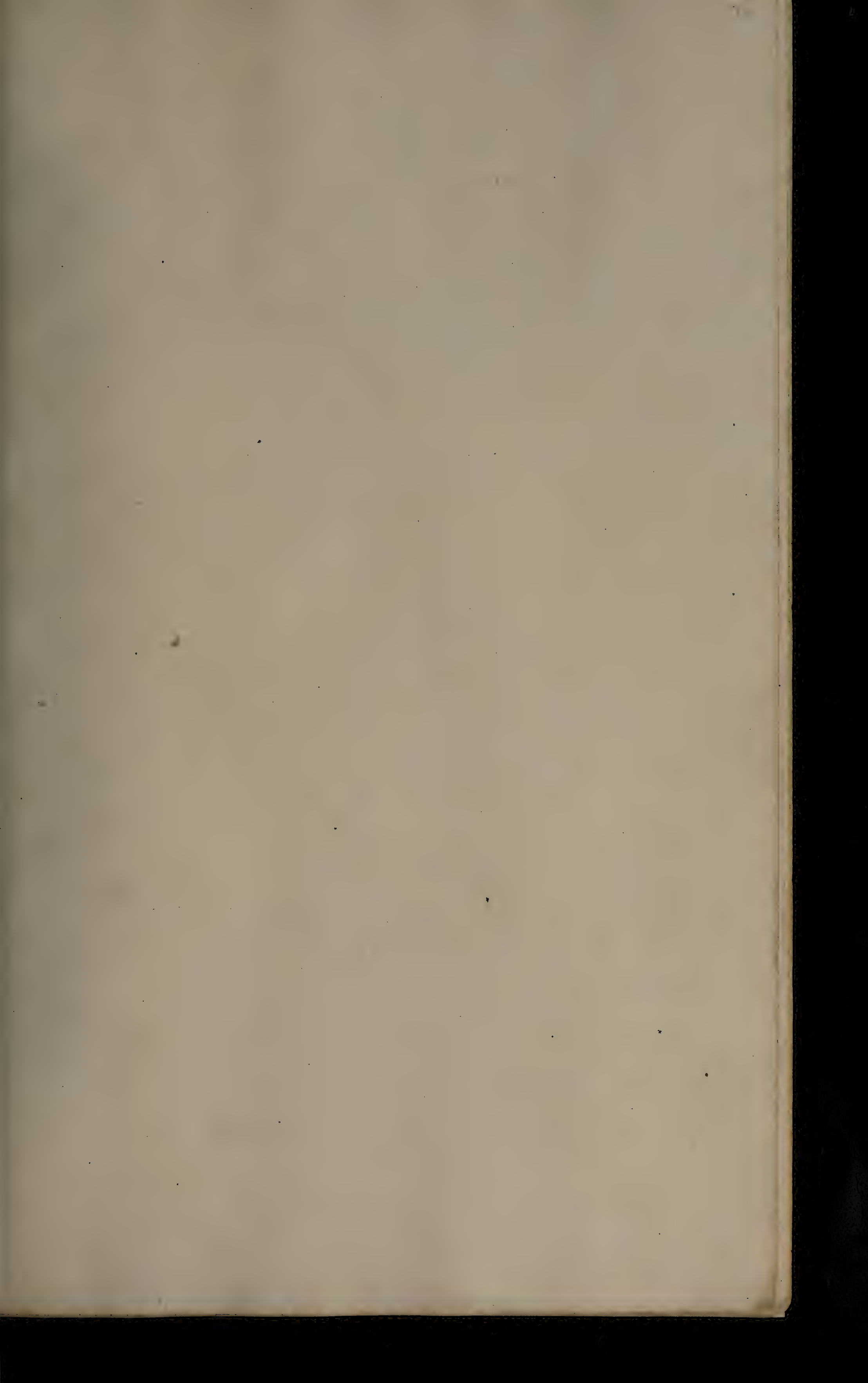
My favorite Sponge cake

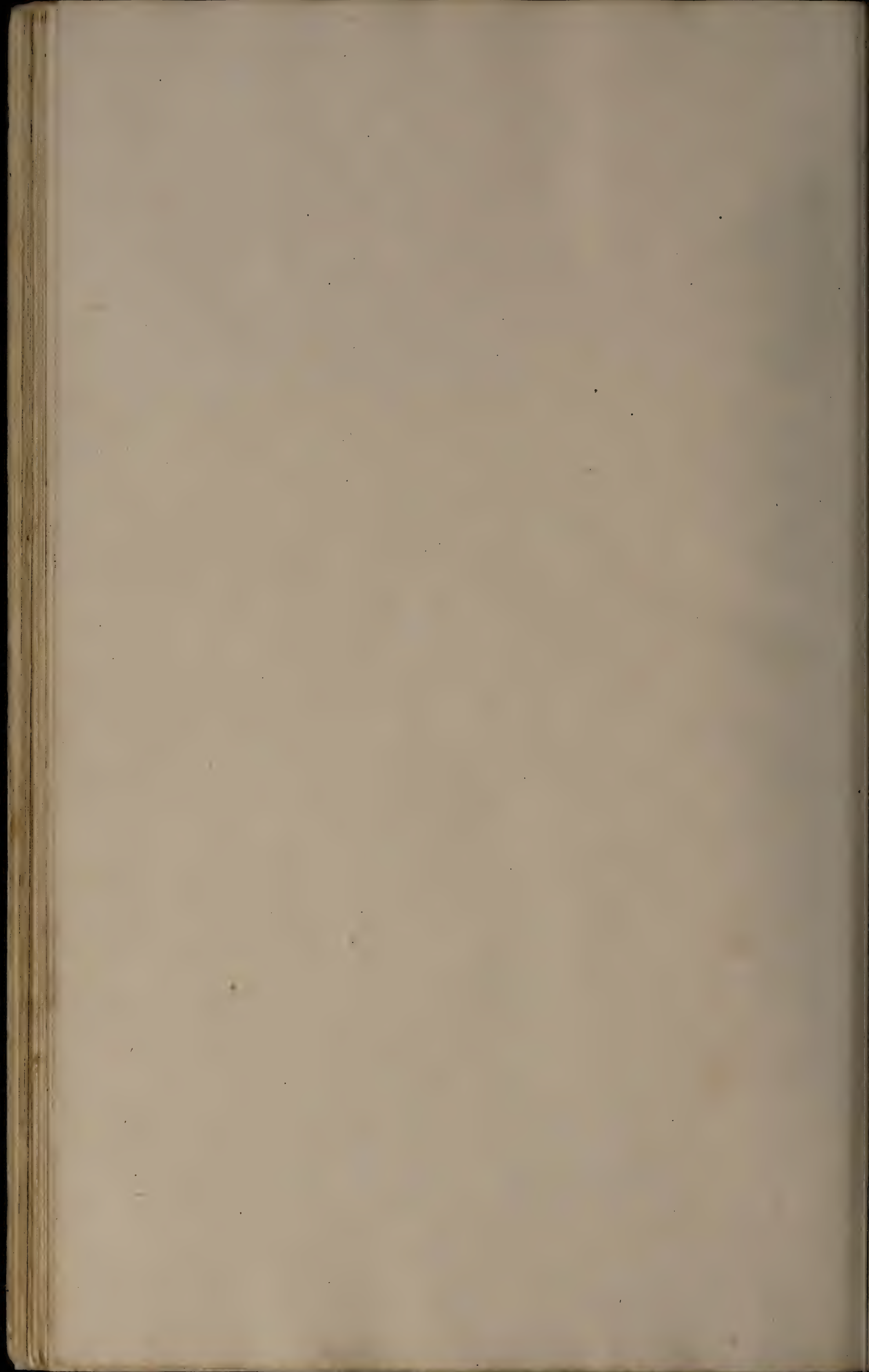
Beat 2 eggs with a pinch of salt
right add 1 cup sugar flavor to
suit taste
1 cup flour $\frac{1}{2}$ tea spoon soda &
1 tea spoon cream of tartar
 $\frac{1}{2}$ cup boiling water
cook about 20 minutes

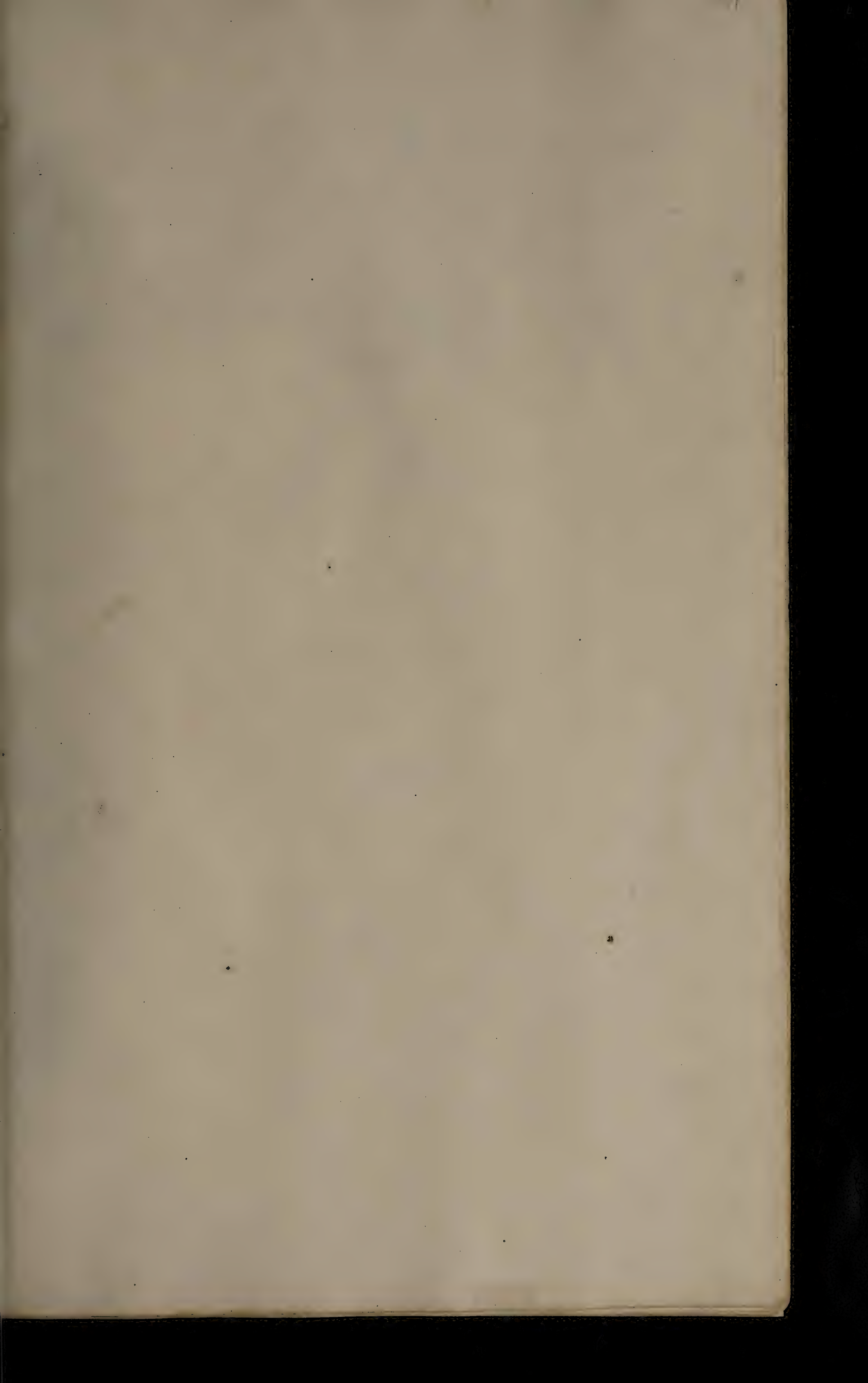


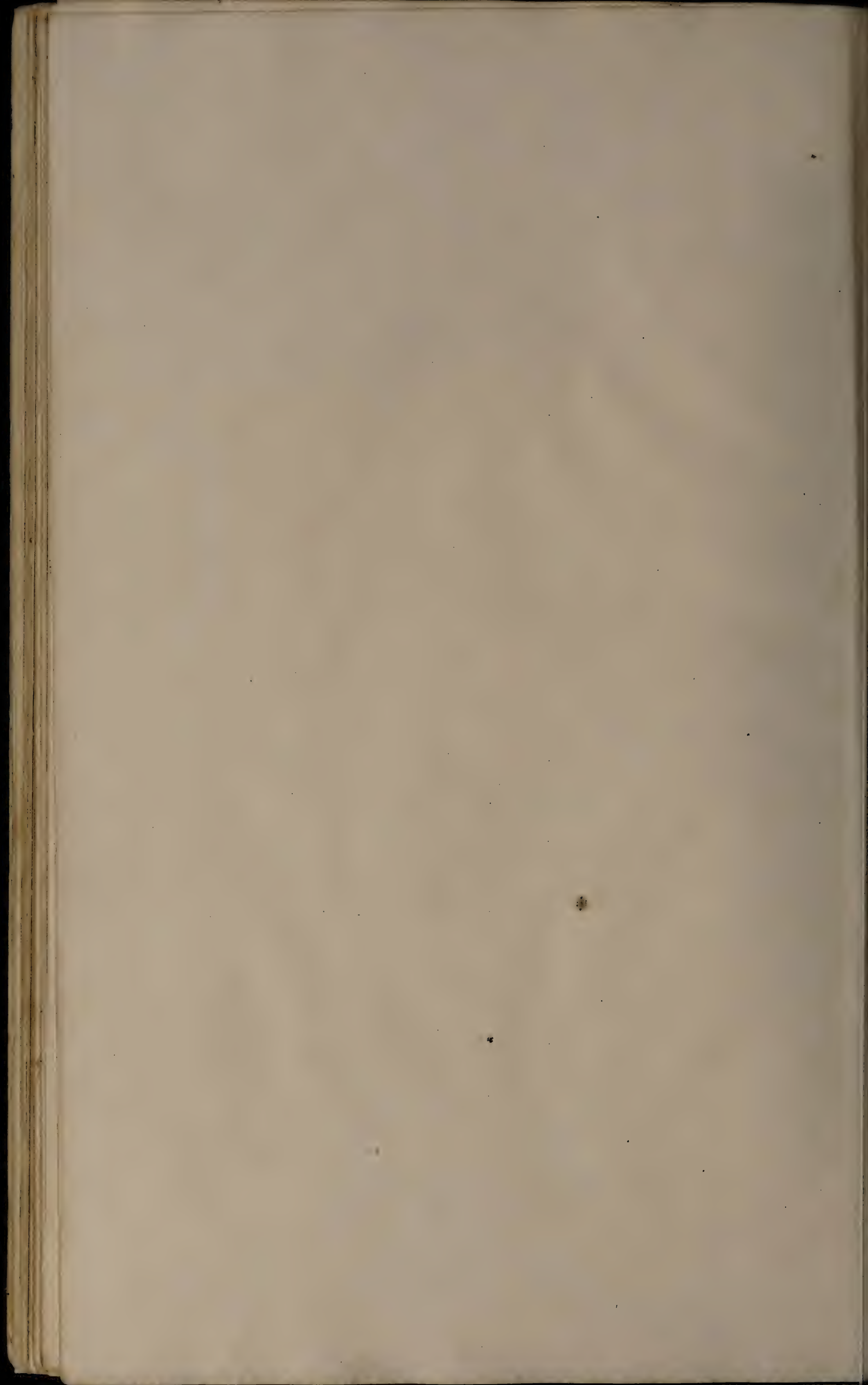


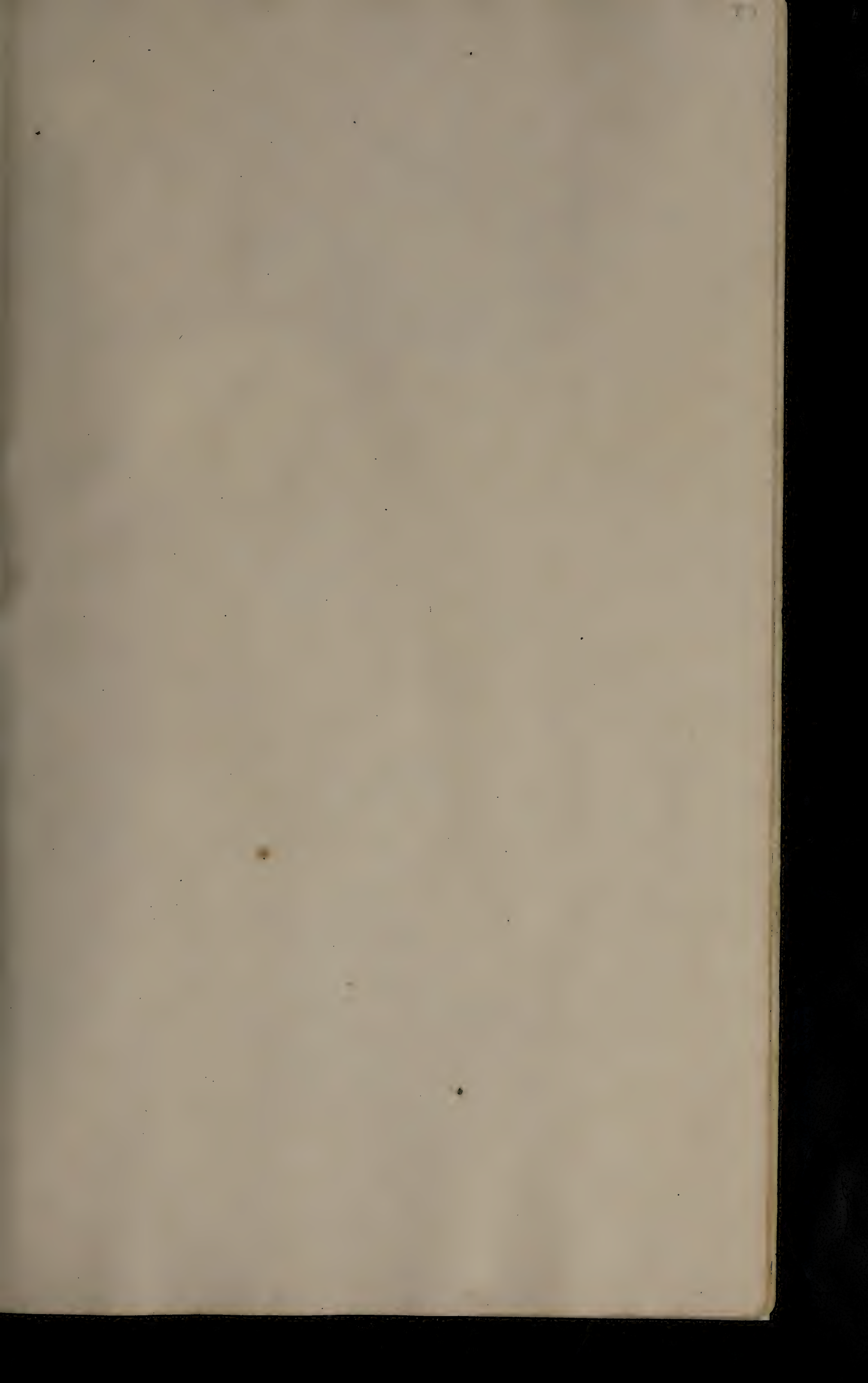


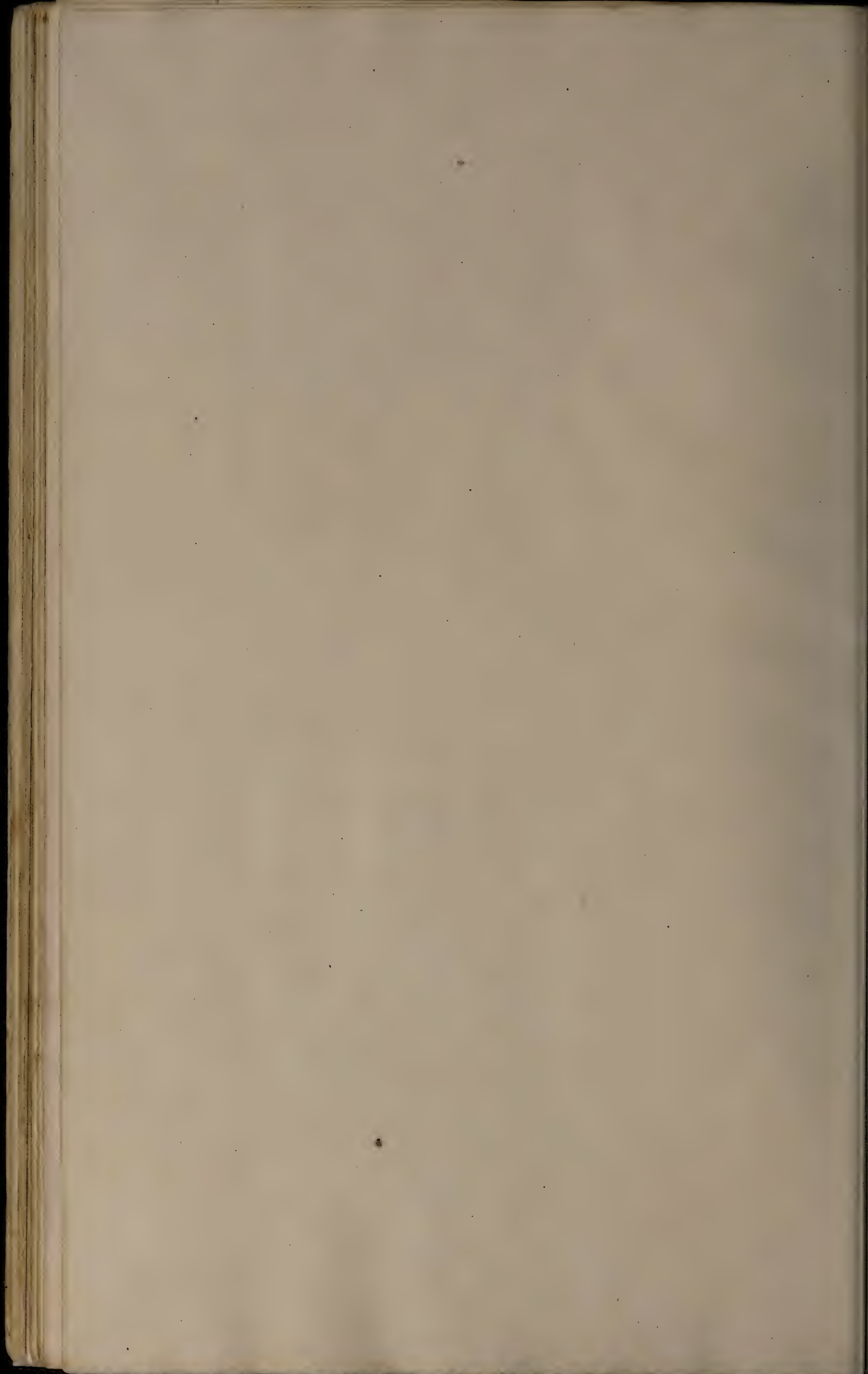


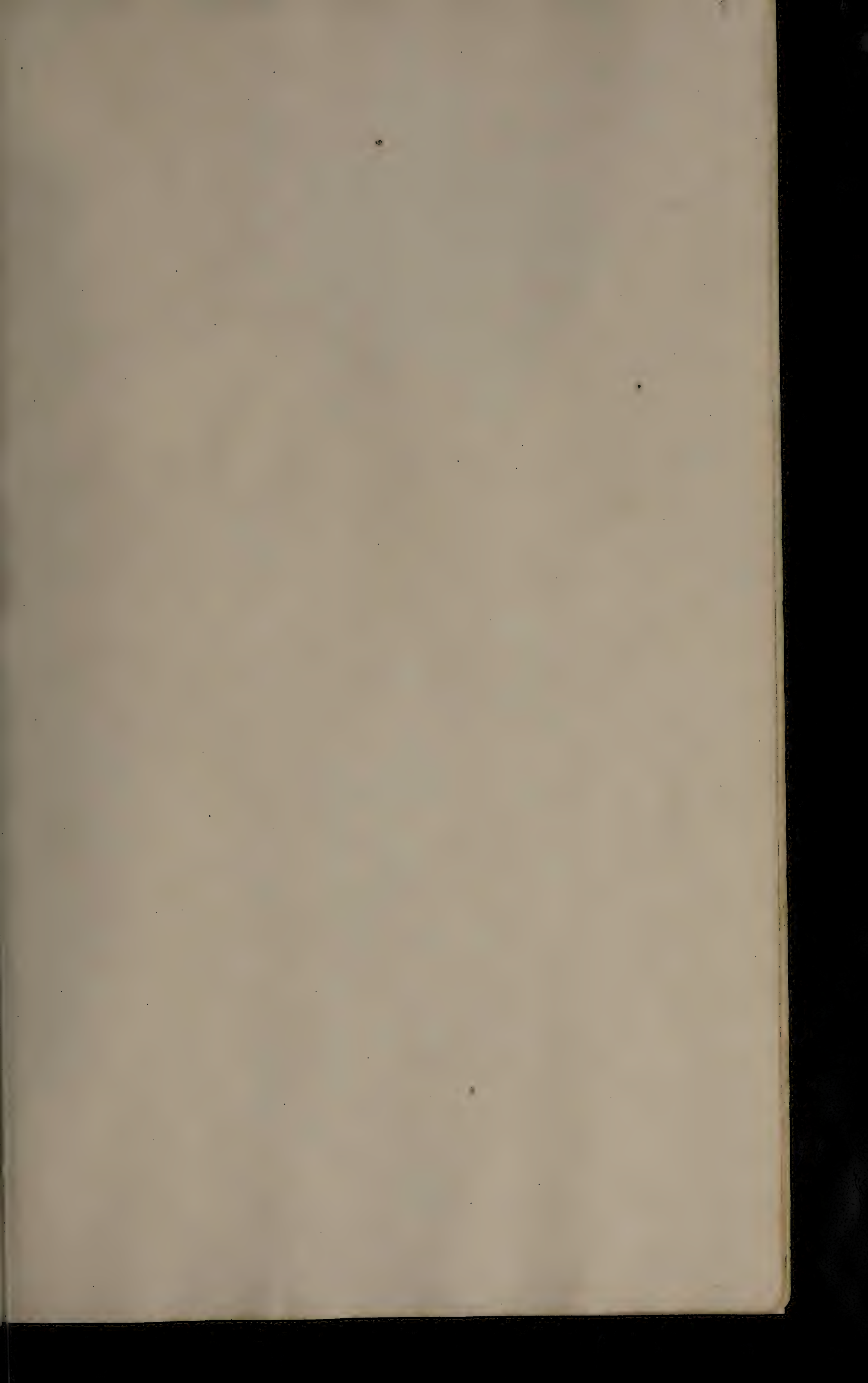


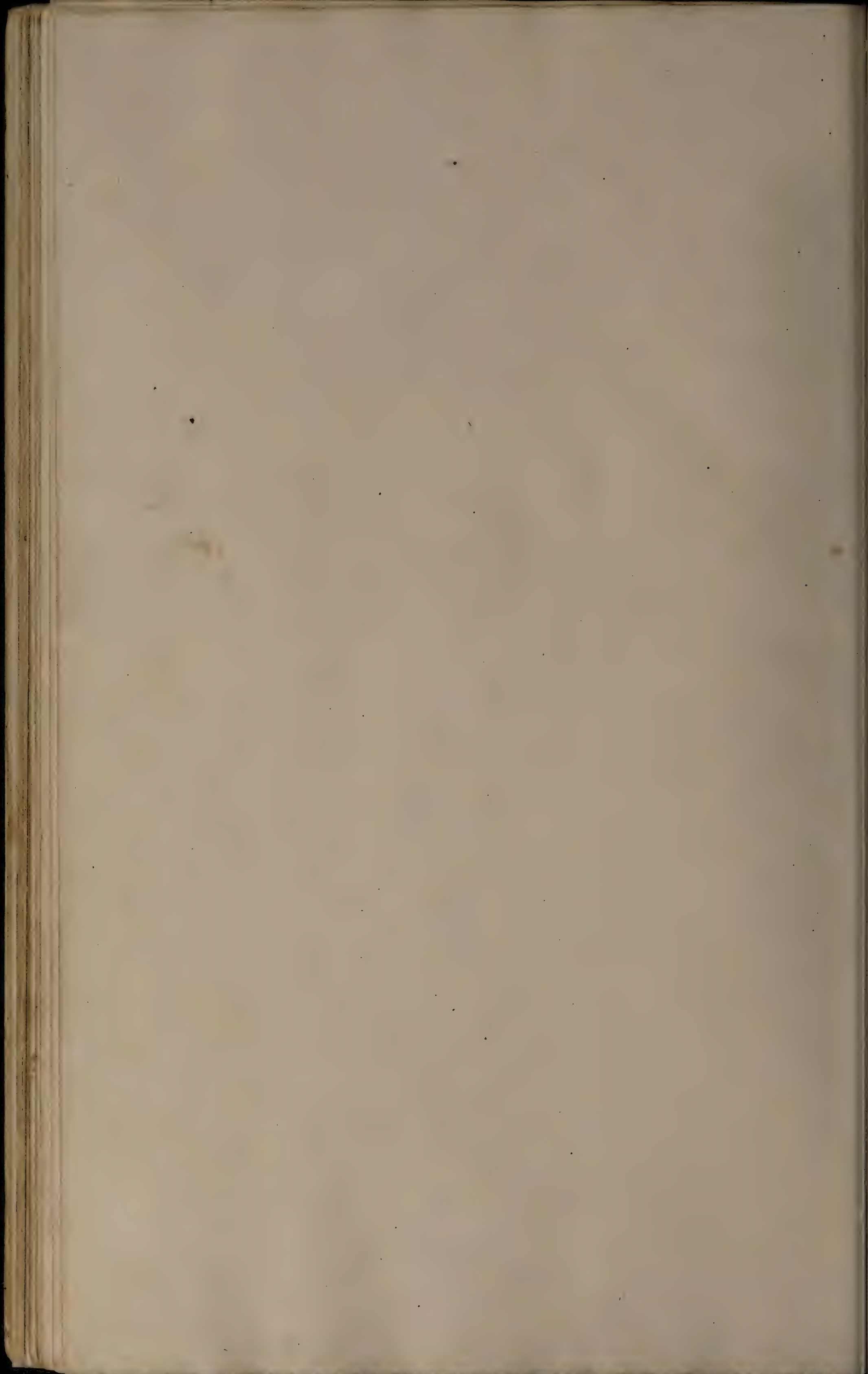


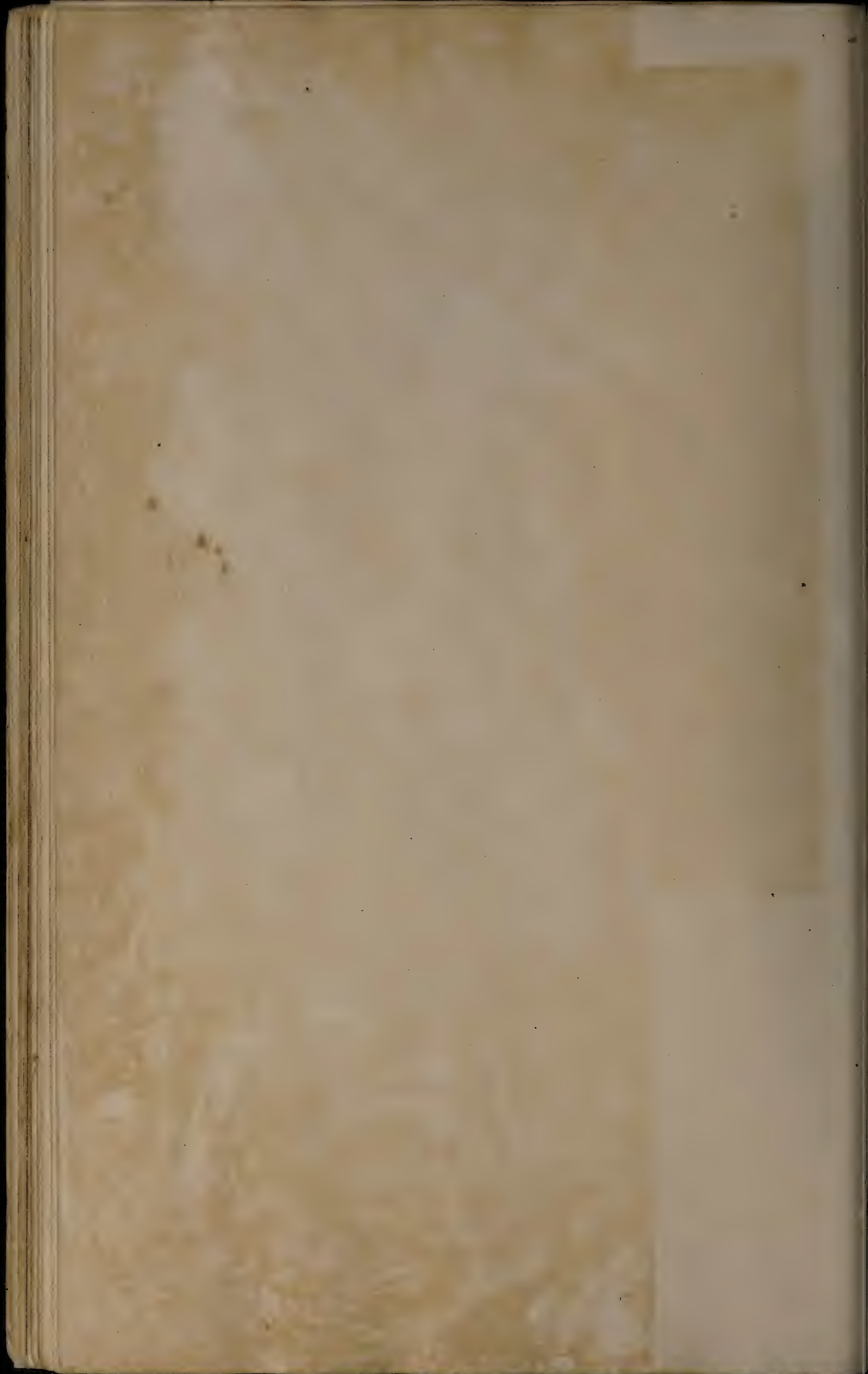


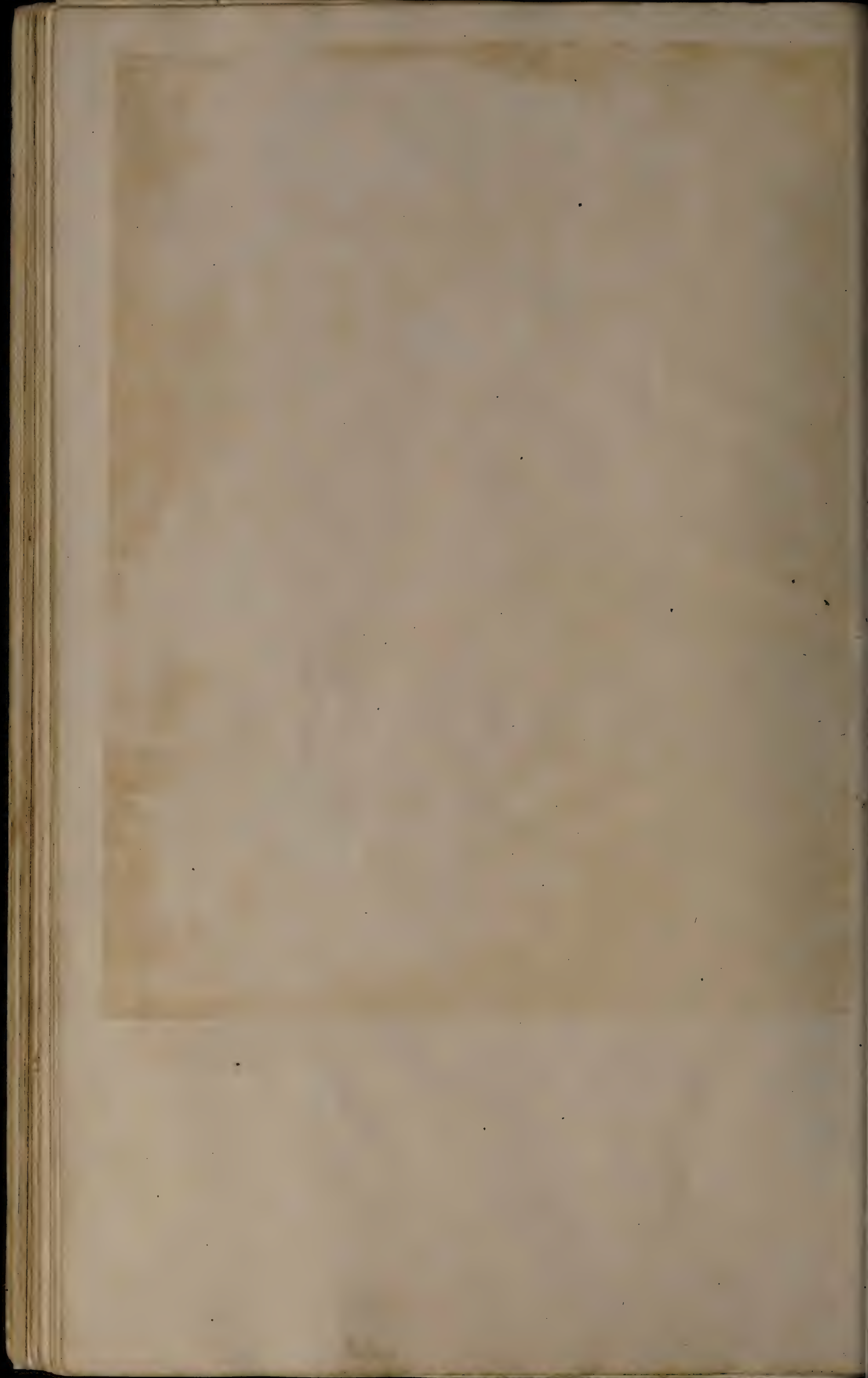


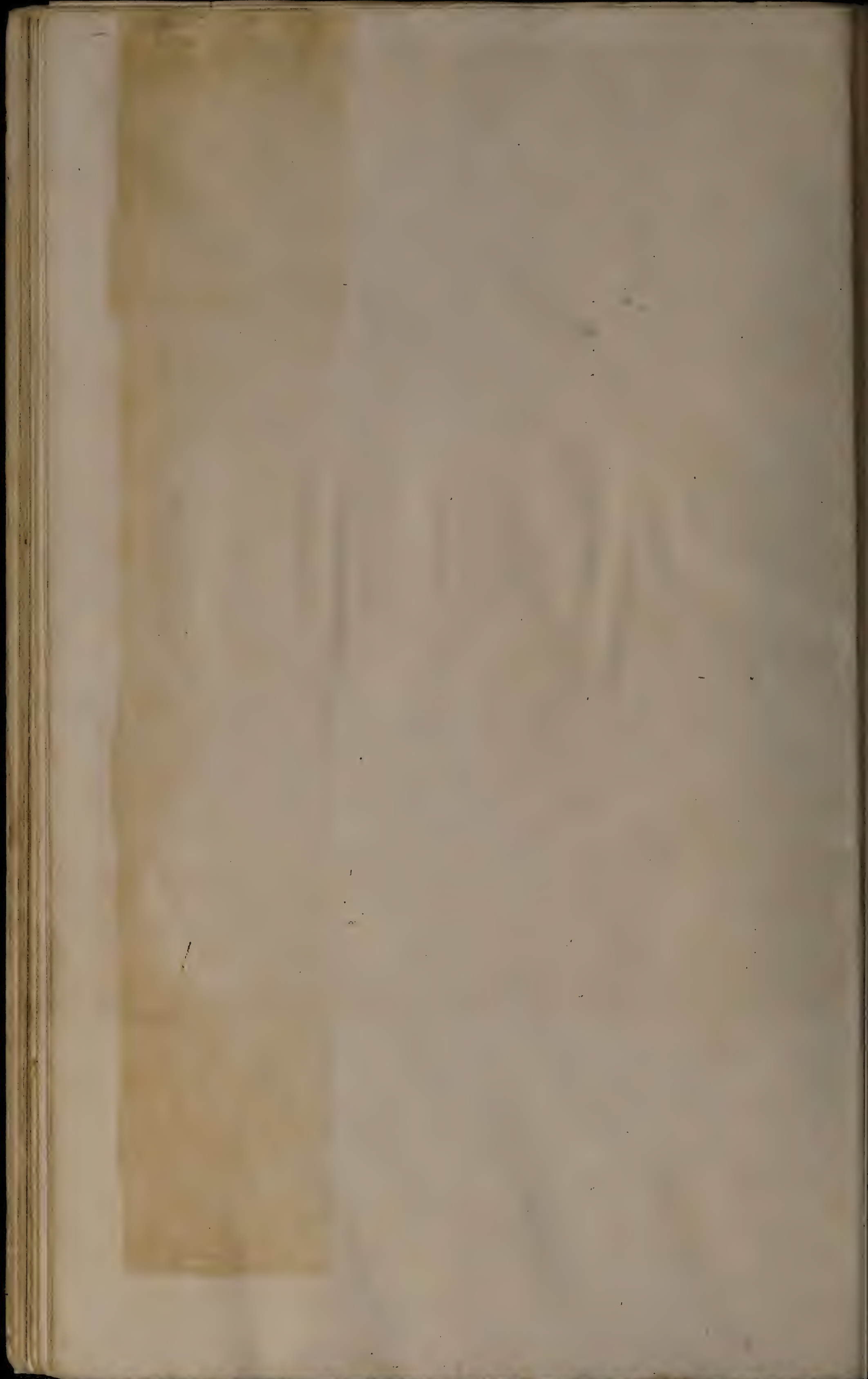


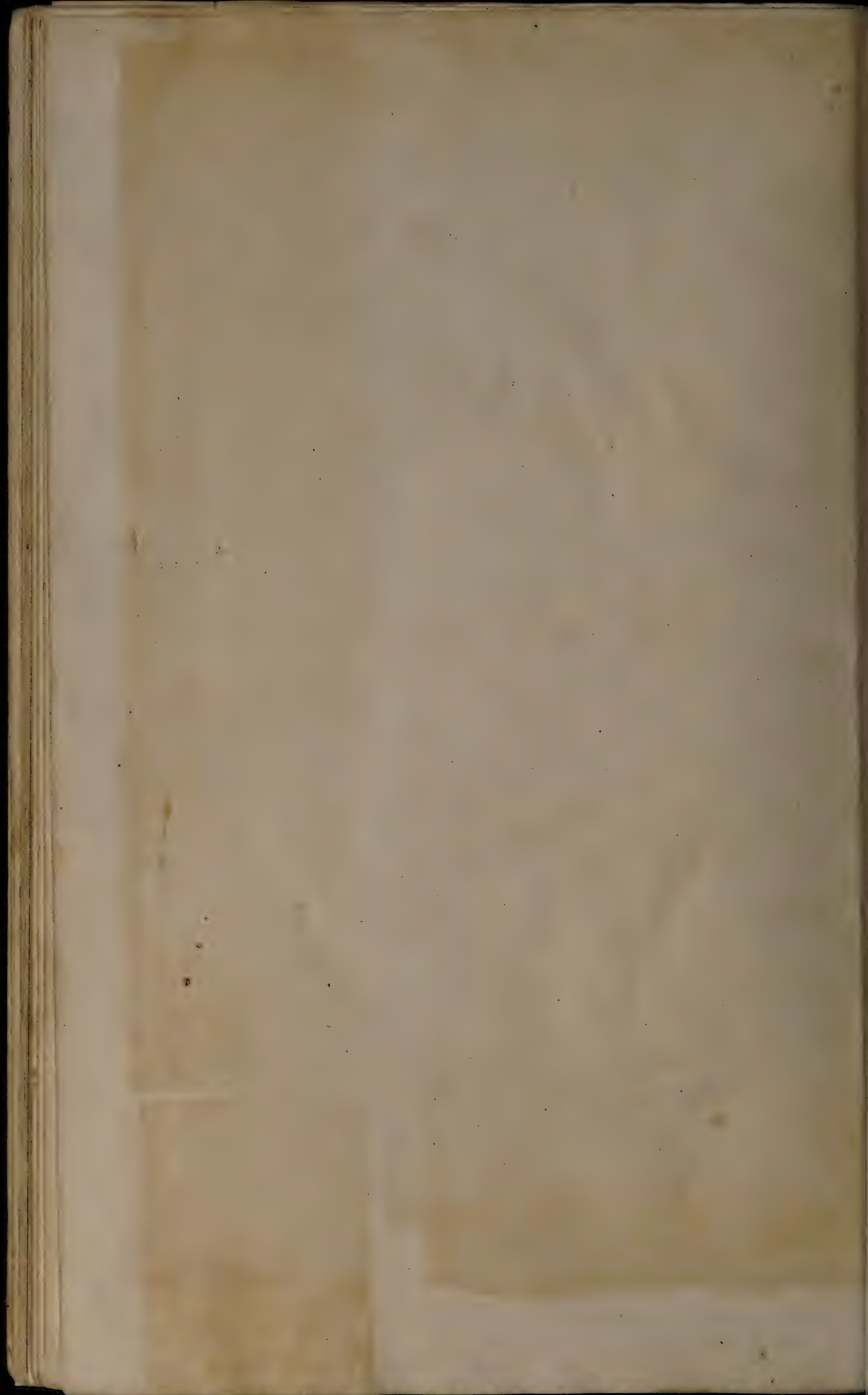










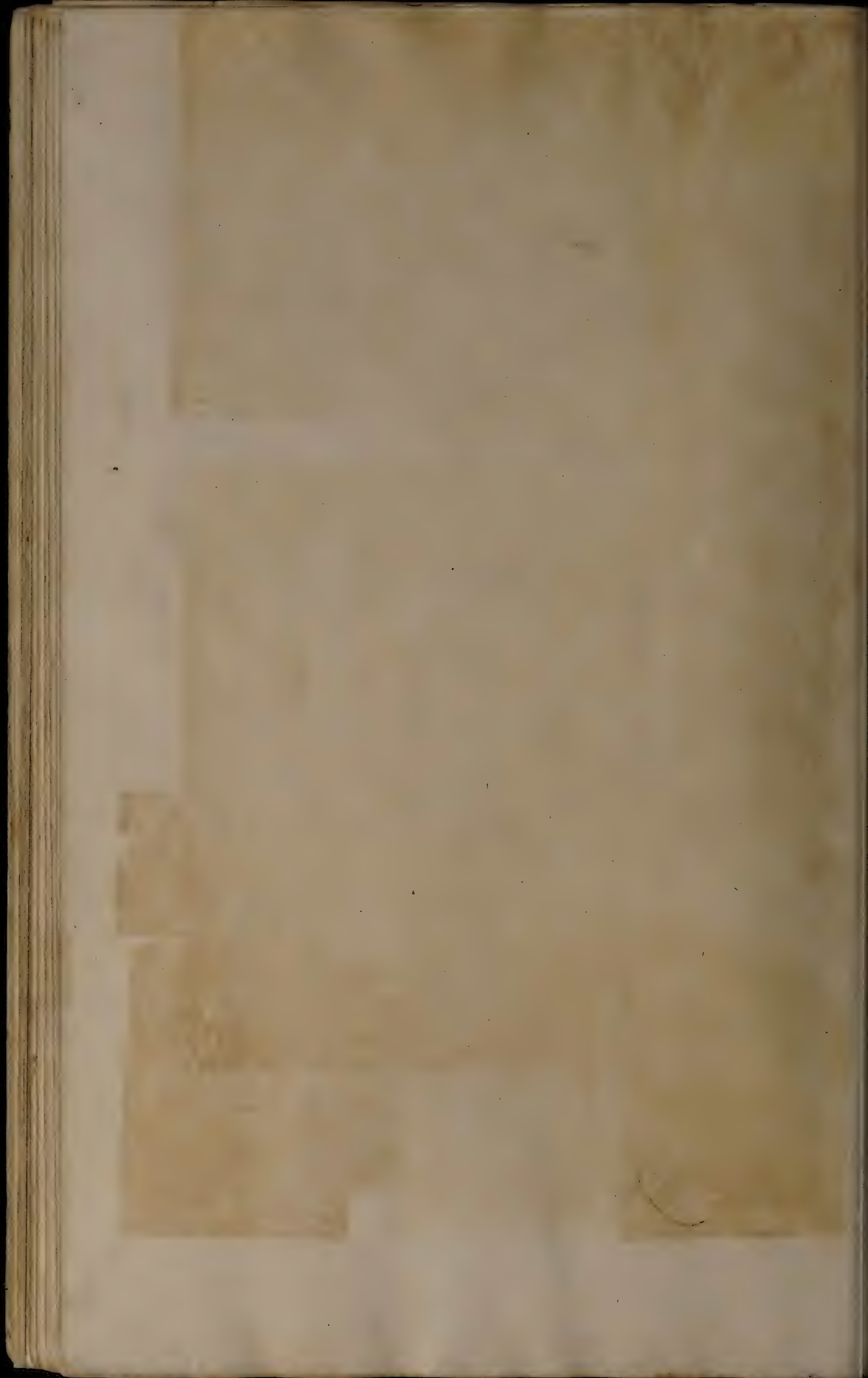


Atropine sulfate tablet

Low blood sugar - 100 mg. per 100 cc. of blood
Oxidation of sugar - 100 mg. per 100 cc. of blood
net 2 inch breadth - 100 mg. per 100 cc. of blood
width of 1 inch - 100 mg. per 100 cc. of blood
net 100 mg. per 100 cc. of blood
and all the rest of the material is in the
form of a fine powder - 100 mg. per 100 cc. of blood
the material is in the form of a fine powder - 100 mg. per 100 cc. of blood

Perf. pudding

Large 600 square cm. black on 100
of 1000. The large 600 square cm. of
large 600 square cm. of 1000. The large 600 square cm. of 1000.
with a 100 square cm. of 1000. The large 600 square cm. of 1000.
with a 100 square cm. of 1000. The large 600 square cm. of 1000.
with a 100 square cm. of 1000. The large 600 square cm. of 1000.
with a 100 square cm. of 1000. The large 600 square cm. of 1000.



257B

20

21

200 555

[illegible]

100	200	110
100	140	135
100	160	180
100	170	200
100	155	145
100	190	200
100	155	270
175	172	128
	290	
	180	
	210	
	165	
	270	
	265	

$\frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$
 $\frac{2}{15} \times \frac{1}{5} = \frac{2}{75}$
 $\frac{2}{75} \times \frac{1}{5} = \frac{2}{375}$
 $\frac{2}{375} \times \frac{1}{5} = \frac{2}{1875}$
 $\frac{2}{1875} \times \frac{1}{5} = \frac{2}{9375}$
 $\frac{2}{9375} \times \frac{1}{5} = \frac{2}{46875}$
 $\frac{2}{46875} \times \frac{1}{5} = \frac{2}{234375}$
 $\frac{2}{234375} \times \frac{1}{5} = \frac{2}{1171875}$
 $\frac{2}{1171875} \times \frac{1}{5} = \frac{2}{5859375}$
 $\frac{2}{5859375} \times \frac{1}{5} = \frac{2}{29296875}$
 $\frac{2}{29296875} \times \frac{1}{5} = \frac{2}{146484375}$
 $\frac{2}{146484375} \times \frac{1}{5} = \frac{2}{732421875}$
 $\frac{2}{732421875} \times \frac{1}{5} = \frac{2}{3662109375}$
 $\frac{2}{3662109375} \times \frac{1}{5} = \frac{2}{18310546875}$
 $\frac{2}{18310546875} \times \frac{1}{5} = \frac{2}{91552734375}$
 $\frac{2}{91552734375} \times \frac{1}{5} = \frac{2}{457763671875}$
 $\frac{2}{457763671875} \times \frac{1}{5} = \frac{2}{2288818359375}$
 $\frac{2}{2288818359375} \times \frac{1}{5} = \frac{2}{11444091796875}$
 $\frac{2}{11444091796875} \times \frac{1}{5} = \frac{2}{57220458984375}$
 $\frac{2}{57220458984375} \times \frac{1}{5} = \frac{2}{286102294921875}$
 $\frac{2}{286102294921875} \times \frac{1}{5} = \frac{2}{1430511474609375}$
 $\frac{2}{1430511474609375} \times \frac{1}{5} = \frac{2}{7152557373046875}$
 $\frac{2}{7152557373046875} \times \frac{1}{5} = \frac{2}{35762786865234375}$
 $\frac{2}{35762786865234375} \times \frac{1}{5} = \frac{2}{178813934326171875}$
 $\frac{2}{178813934326171875} \times \frac{1}{5} = \frac{2}{894069671630859375}$
 $\frac{2}{894069671630859375} \times \frac{1}{5} = \frac{2}{4470348358154296875}$
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 $\frac{2}{558793544769287109375} \times \frac{1}{5} = \frac{2}{2793967723846435546875}$
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 $\frac{2}{349245965480804443359375} \times \frac{1}{5} = \frac{2}{1746229827404022216796875}$
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 $\frac{2}{218278728425502777099609375} \times \frac{1}{5} = \frac{2}{1091393642127513885498046875}$
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 $\frac{2}{3410605131648480892181396484375} \times \frac{1}{5} = \frac{2}{17053025658242404460906982421875}$
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 $\frac{2}{85265128291212022304534912109375} \times \frac{1}{5} = \frac{2}{426325641456060111522674560546875}$
 $\frac{2}{426325641456060111522674560546875} \times \frac{1}{5} = \frac{2}{2131628207280300557613372802734375}$
 $\frac{2}{2131628207280300557613372802734375} \times \frac{1}{5} = \frac{2}{10658141036401502788066864013671875}$
 $\frac{2}{10658141036401502788066864013671875} \times \frac{1}{5} = \frac{2}{53290705182007513940334320068359375}$
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 $\frac{2}{266453525910037569701671600341796875} \times \frac{1}{5} = \frac{2}{1332267629550187848508358001708984375}$
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 $\frac{2}{832667268468867405317723751068115234375} \times \frac{1}{5} = \frac{2}{4163336342344337026588618755340576171875}$
 $\frac{2}{4163336342344337026588618755340576171875} \times \frac{1}{5} = \frac{2}{20816681711721685132943093776702880859375}$
 $\frac{2}{20816681711721685132943093776702880859375} \times \frac{1}{5}$

$$\begin{array}{r}
 2 \overline{) 34941} \\
 \underline{6988} \\
 28053 \\
 \underline{56106} \\
 21947 \\
 \underline{43894} \\
 7553 \\
 \underline{15106} \\
 608
 \end{array}$$

34941
 34941 gal
 28053 gal
 20901 gal
 208 number of bush

$$\begin{array}{r}
 11100 \\
 \underline{26582} \\
 8359 \\
 \underline{34941} \\
 00) 17000 \quad 109
 \end{array}$$

80 91
 70 85

$$\begin{array}{r}
 586 \\
 \underline{567} \\
 19
 \end{array}$$

$$\begin{array}{r}
 174 \\
 \underline{68} \\
 306 \\
 \underline{600} \\
 2) 3060 \\
 \underline{3060}
 \end{array}$$

$$\begin{array}{r}
 110 \\
 \underline{110} \\
 0
 \end{array}$$

$$\begin{array}{r}
 1205
 \end{array}$$

[illegible]

